

NEWFIELD



January 20, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Jonah Federal 15-15-9-16 and 16-15-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 15-15-9-16 location is also an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
JAN 21 2005
DIV. OF OIL, GAS & MINING

001

Form 3160-3
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

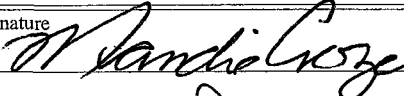
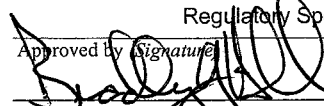
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-017985
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Jonah <u>Jonah</u>
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Jonah Federal 15-15-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SE 421' FSL 1864' FEL <u>576624X 40.024709</u> At proposed prod. zone <u>4430476Y - 110.102045</u>		9. API Well No. <u>43-013-32753</u>
10. Field and Pool, or Exploratory Monument Butte		11. Sec., T., R., M., or Blk. and Survey or Area SW/SE Sec. 15, T9S R16E
12. Distance in miles and direction from nearest town or post office* Approximatley 24.8 miles southwest of Myton, Utah		12. County or Parish Duchesne
13. State UT		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 421' f/lse, 421' f/unit	16. No. of Acres in lease 560.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,420'	19. Proposed Depth 5940'	20. BLM/BIA Bond No. on file UTU0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5758' GL	22. Approximate date work will start* 1st Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date <u>1/20/05</u>
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date <u>05-16-05</u>
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

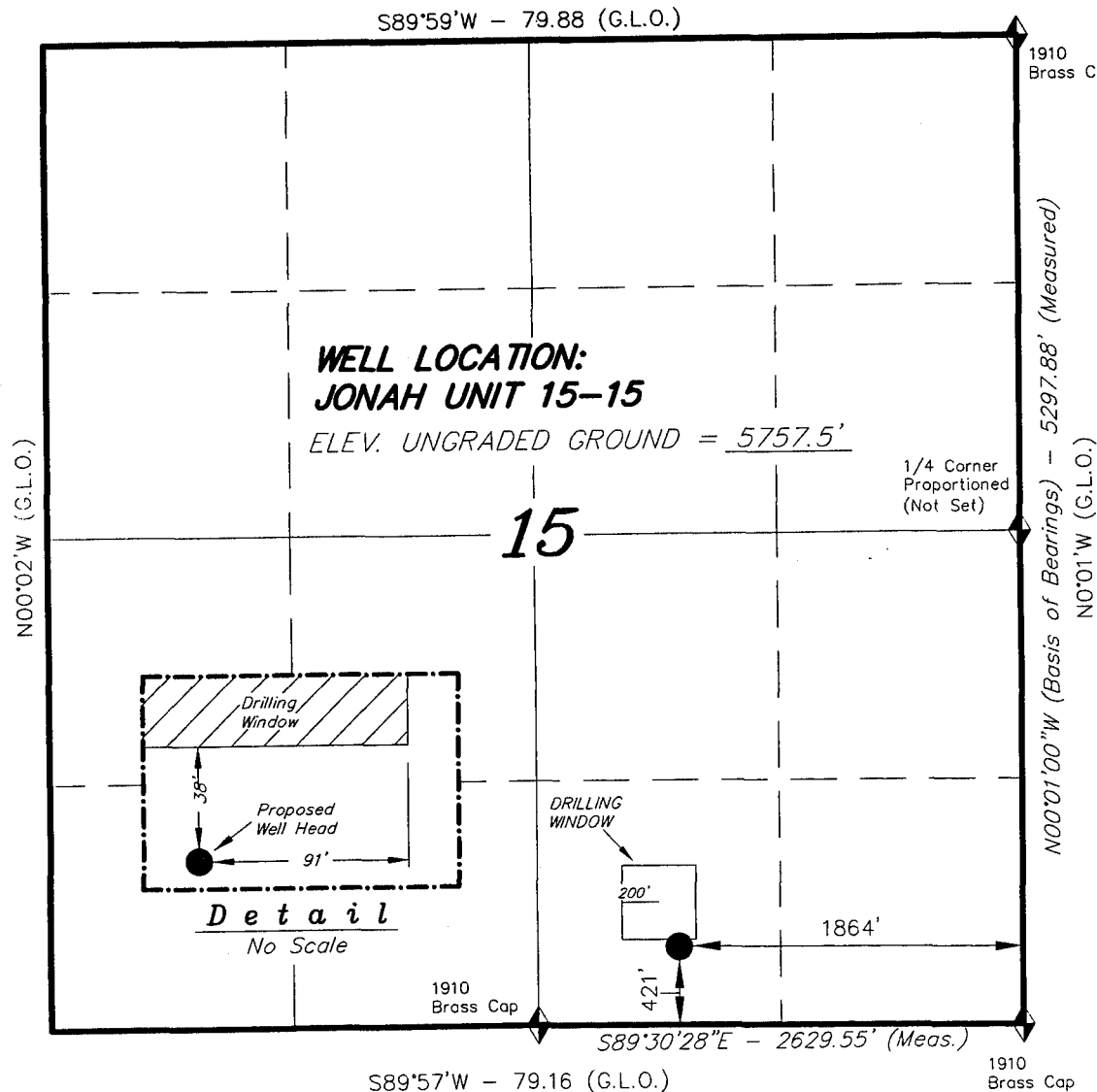
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is NecessaryRECEIVED
JAN 21 2005
DIV. OF OIL, GAS & MINING

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 15-15,
LOCATED AS SHOWN IN THE SW 1/4 SE
1/4 OF SECTION 15, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD WORK OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.
STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 42237
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 9-3-04

DRAFTED BY: F.T.M.

NOTES:

FILE #

 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL #15-15-9-16
SW/SE SECTION 15, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1640'
Green River	1940'
Wasatch	5940'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1940' – 5940' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL #15-15-9-16
SW/SE SECTION 15, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Jonah Federal #15-15-9-16 located in the SW 1/4 SE 1/4 Section 15, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 7.7 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 2.4 miles \pm to it's junction with an existing road to the west; proceed northeasterly - 2.2 miles \pm to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road - 0.8 miles \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-348, 1/12/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/11/04. See attached report cover pages, Exhibit "D".

For the Jonah Federal #15-15-9-16 Newfield Production Company requests a 695' ROW be granted in Lease UTU-64379 and 745' of disturbed area be granted in Lease UTU-017985 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 695' ROW be granted in Lease UTU-64379 and 745' of disturbed area be granted in Lease UTU-017985 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 695' ROW be granted in Lease UTU-64379 and 745' of disturbed area be granted in Lease UTU-017985 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Possible Rapture Nest – Dixie Sadler to Advise.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Black Sage	<i>Artemisia Nova</i>	1 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	5 lbs/acre
Needle and Thread Grass	<i>Stipa Comata</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Jonah Federal #15-15-9-16 was on-sited on 5/19/04. The following were present; Brad Mecham (Newfield Production), David Gerbig (Newfield Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear at 70 degrees.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #15-15-9-16 SW/SE Section 15, Township 9S, Range 16E: Lease UTU-017985 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/20/05
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

INLAND PRODUCTION COMPANY

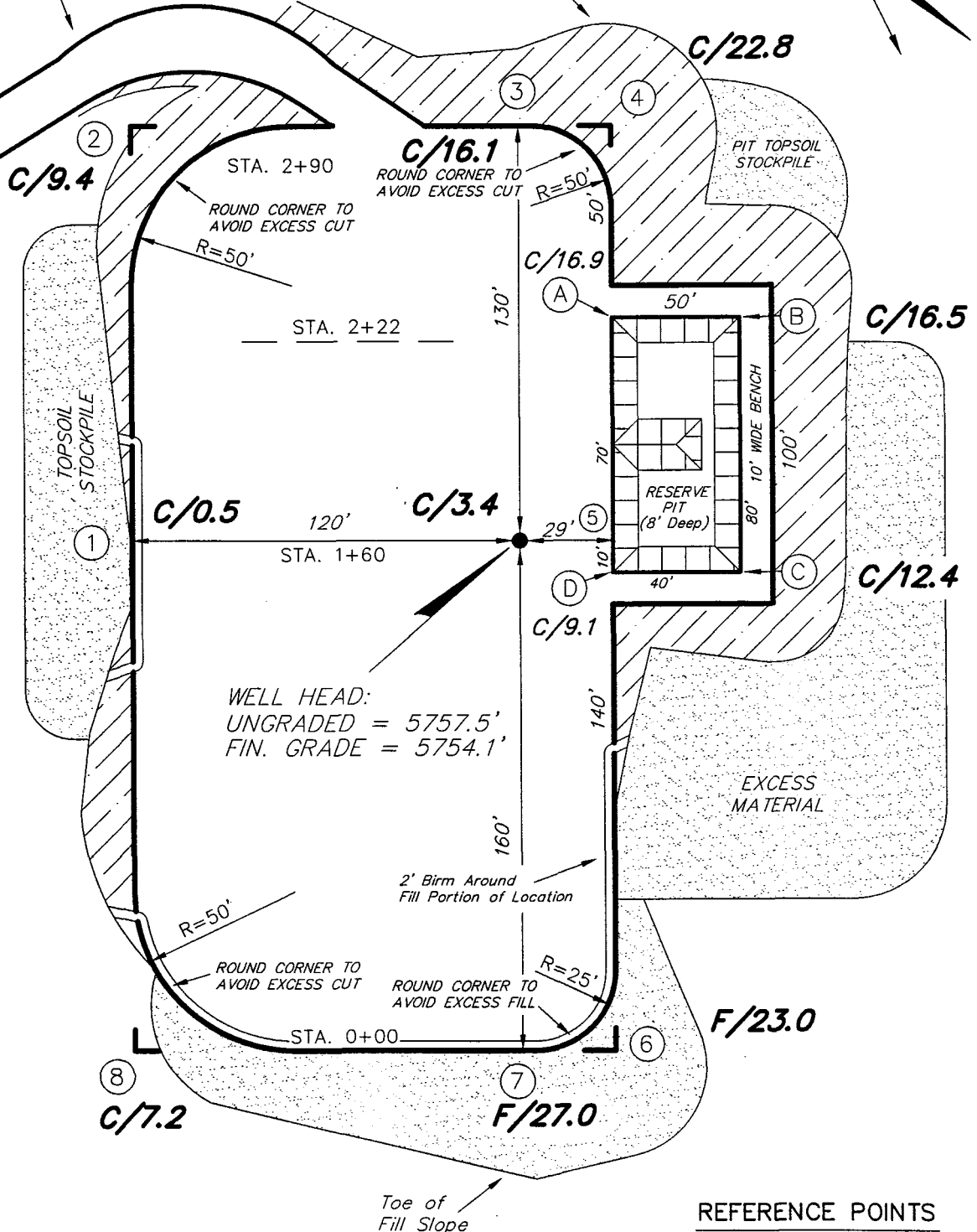
JONAH UNIT 15-15

Section 15, T9S, R16E, S.L.B.&M.

PROPOSED ACCESS
ROAD (Max. 6% Grade)

Top of
Cut Slope

DRAWING INFO



REFERENCE POINTS

180' SOUTHWEST = 5777.1'
230' SOUTHWEST = 5787.0'

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 9-3-04

Tri State
Land Surveying, Inc.

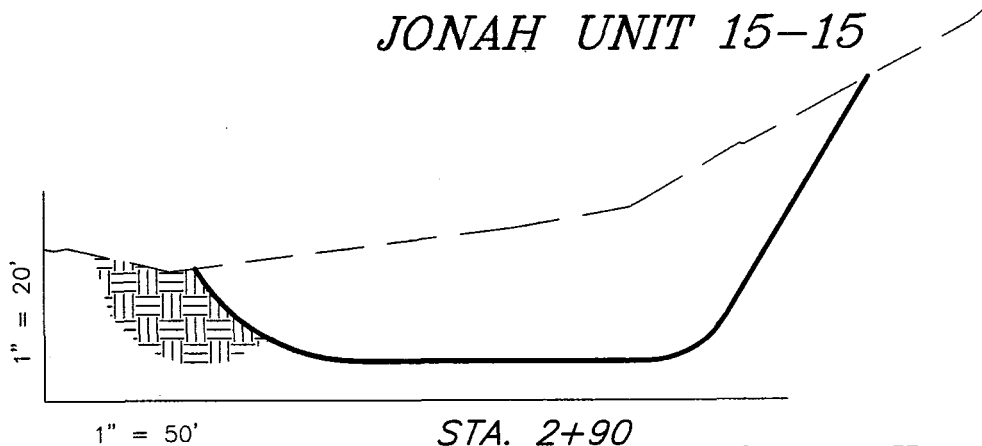
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

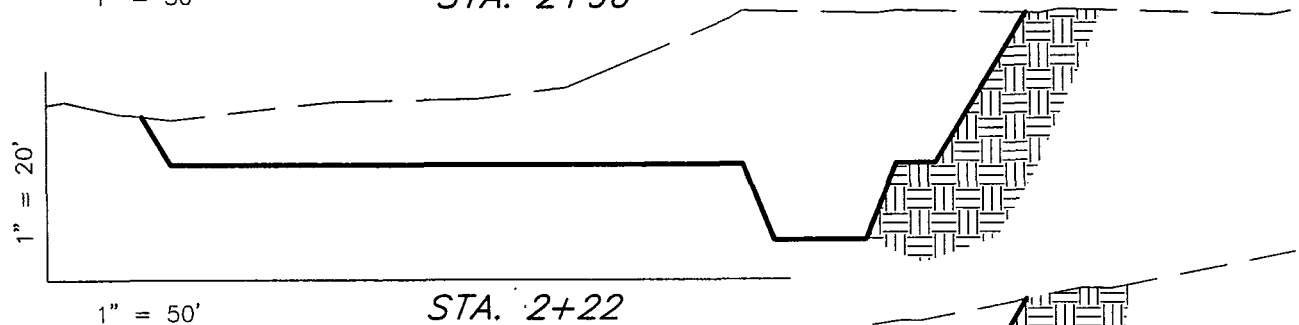
INLAND PRODUCTION COMPANY

CROSS SECTIONS

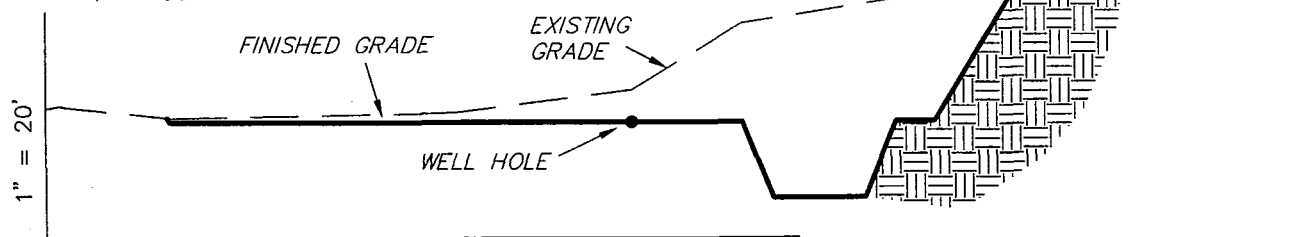
JONAH UNIT 15-15



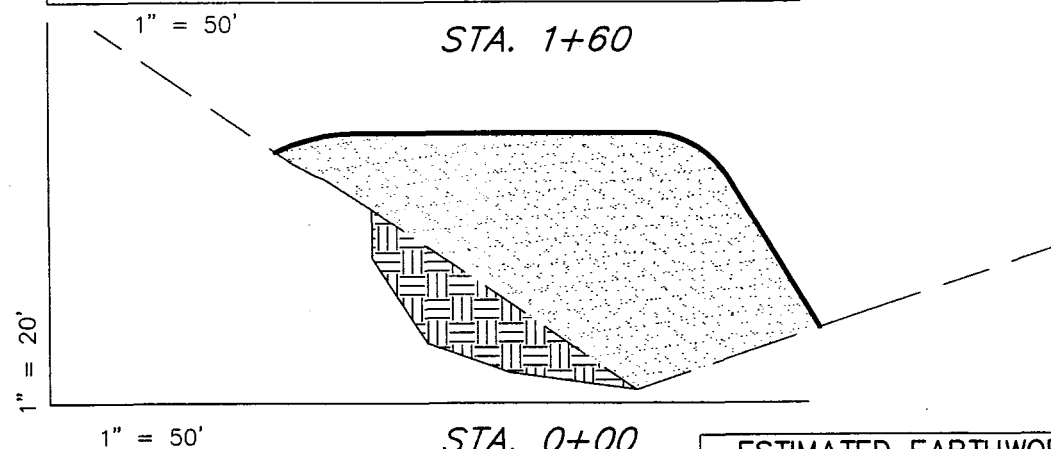
STA. 2+90



STA. 2+22



STA. 1+60



STA. 0+00

NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	10,240	10,240	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	10,880	10,240	890	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

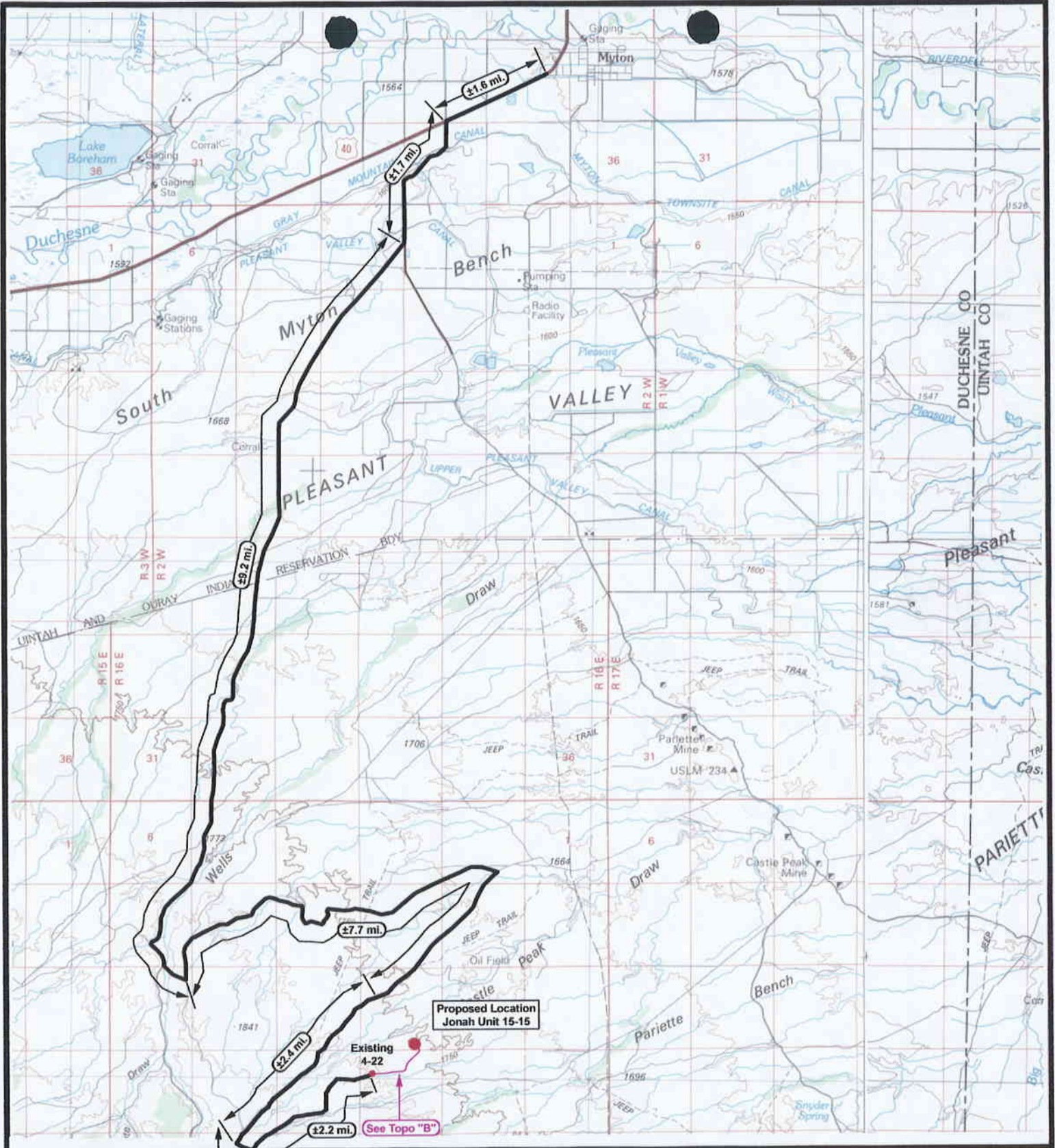
DRAWN BY: F.T.M.

DATE: 9-3-04

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

PROPOSED ACCESS
ROAD (Max. 6% Grade)





NEWFIELD
Exploration Company

Jonah Unit 15-15
SEC. 15, T9S, R16E, S.L.B.&M.



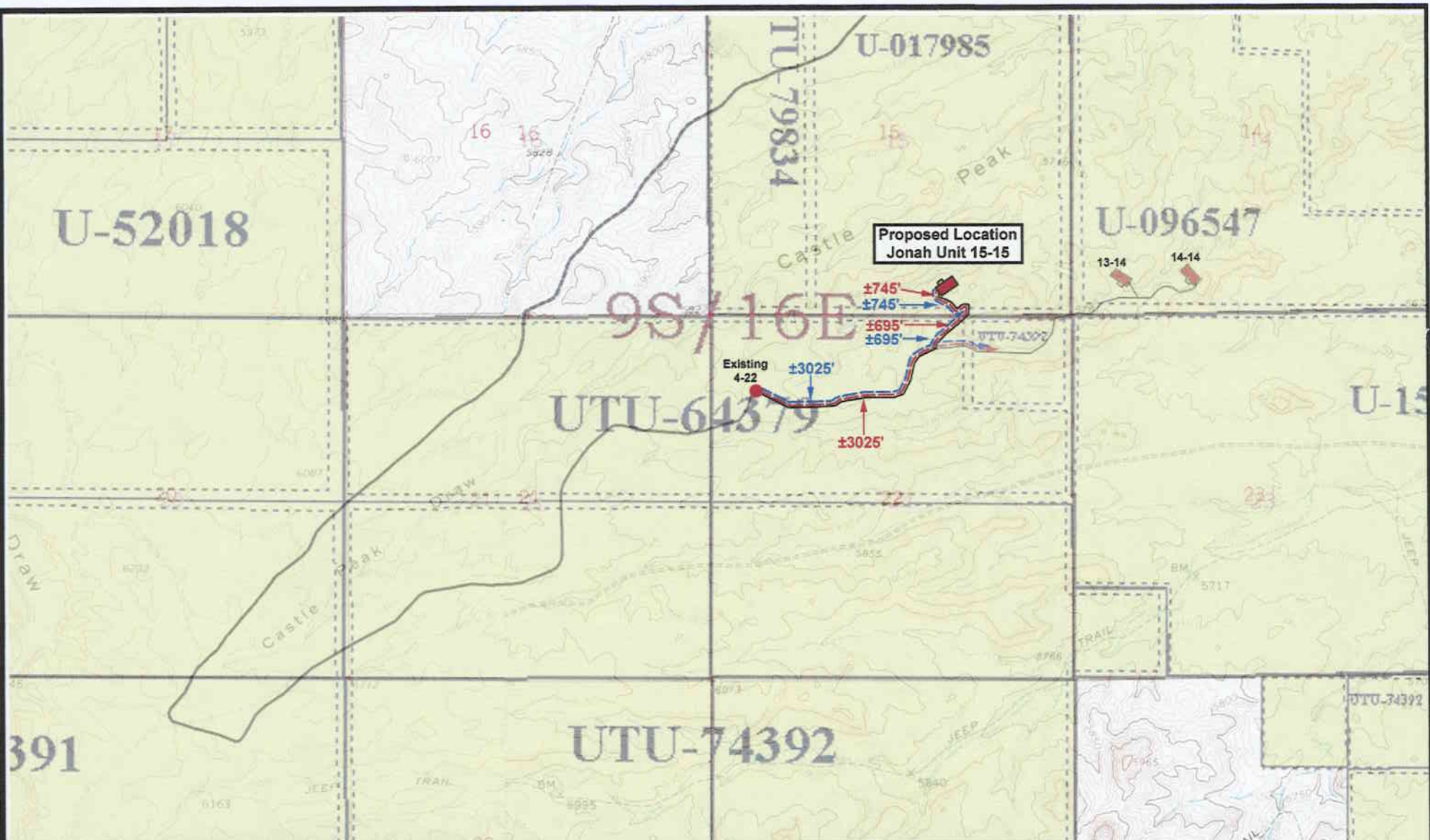
Tri-State
Land Surveying Inc.
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 100,000'
DRAWN BY: bgm
DATE: 10-04-2004

Legend
— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

Jonah Unit 15-15-9-16
SEC. 15, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

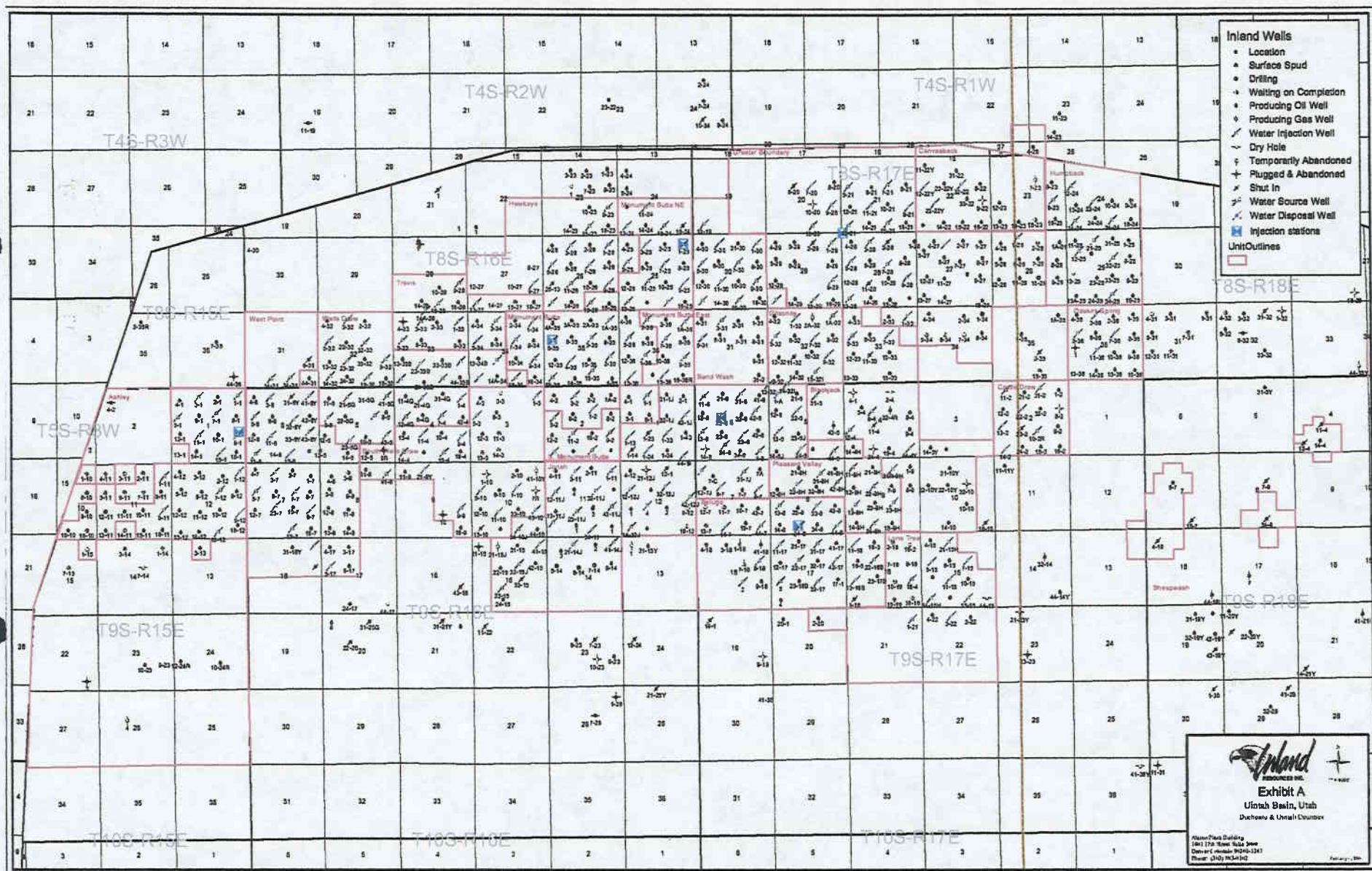
SCALE: 1" = 2,000'
DRAWN BY: bgm
DATE: 10-04-2004

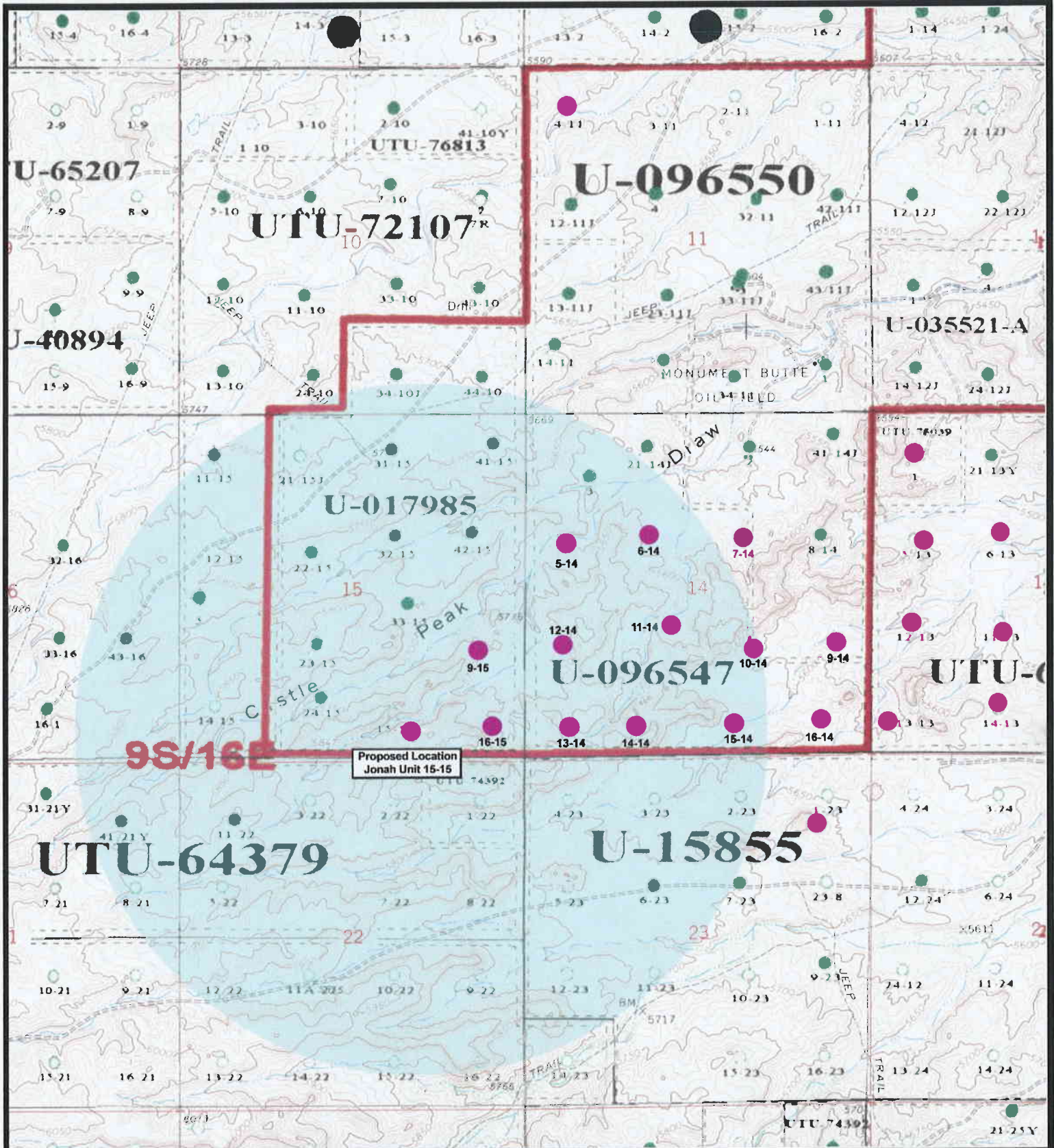
Legend




- Roads
- Proposed Gas Line
- Proposed Water Line

"C"







 <p>NEWFIELD Exploration Company</p>		 <p><i>Tri-State</i> Land Surveying Inc. (435) 781-2501 180 North Vernal Ave., Vernal, Utah 84078</p>	<p>Legend</p>
<p>Jonah Unit 15-15 SEC. 15, T9S, R16E, S.L.B.&M.</p>		<p>SCALE: 1" = 2000' DRAWN BY: bgm DATE: 10-04-2004</p>	<p>● Well Locations ● One Mile Radius</p> <p>Exhibit "B"</p>

2-M SYSTEM

Blowout Prevention Equipment Systems

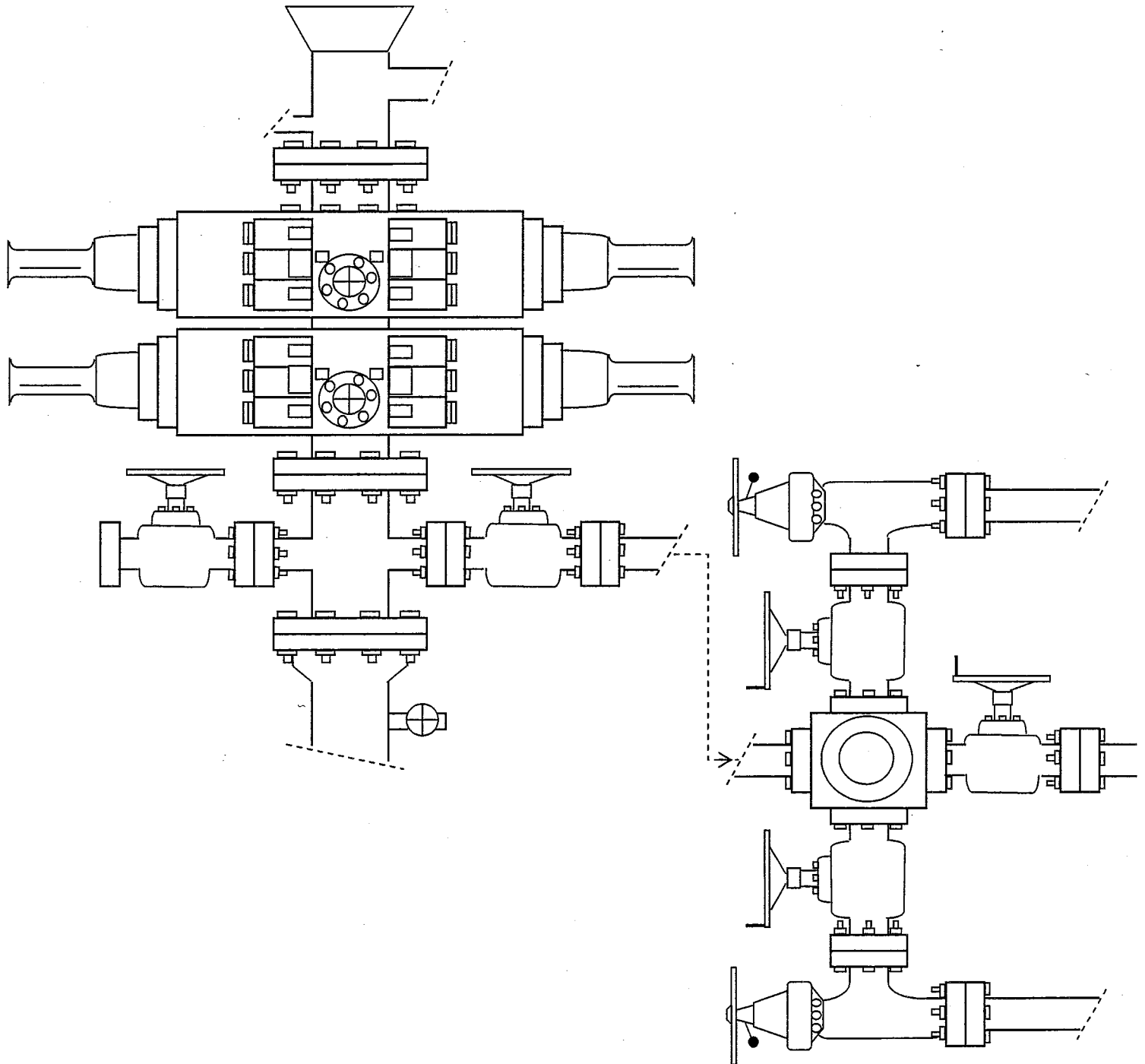


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S 80-ACRE PARCEL
NEAR CASTLE PEAK DRAW
(T9S, R16E, SEC. 15),
DUCHESNE COUNTY, UTAH

by

Andy Wakefield
and
Shari Silverman

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Corporation
Route 3 Box 3630
Myton, UT 84052

Prepared By:

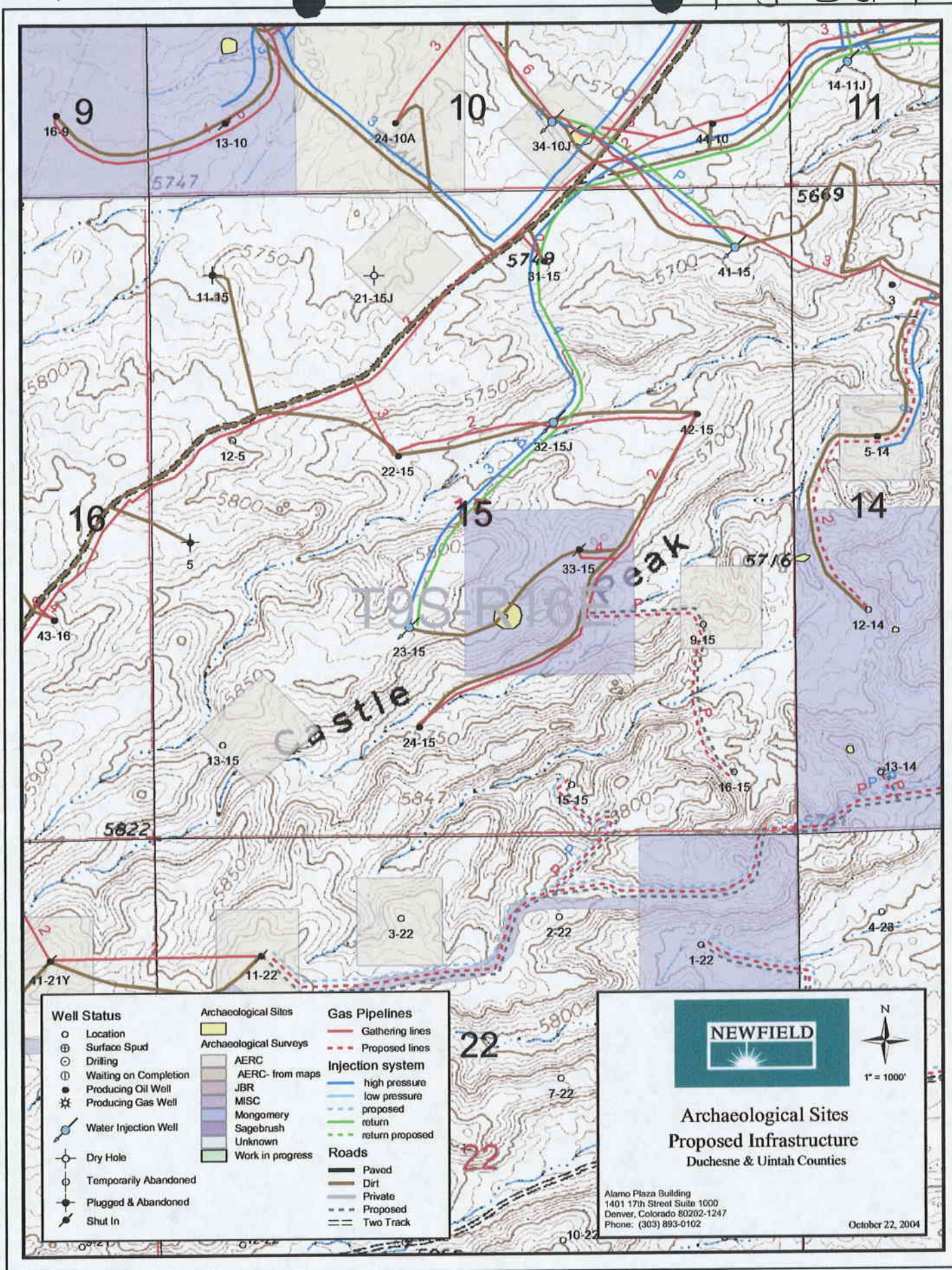
Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-348

January 12, 2005

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-1479b



NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE AND UINTAH COUNTIES, UTAH**

(Section 27 [excluding NE 1/4 & NW 1/4, NE 1/4 and NE 1/4, SE 1/4]; Section 28 [excluding NW 1/4 & SW 1/4, SW 1/4], Township 8 South, Range 18 East; SW 1/4, SW 1/4, Section 20, Township 8 South, Range 17 East; and NE 1/4, SW 1/4, & SE 1/4, SE 1/4, Section 15, Township 9 South, Range 16 East

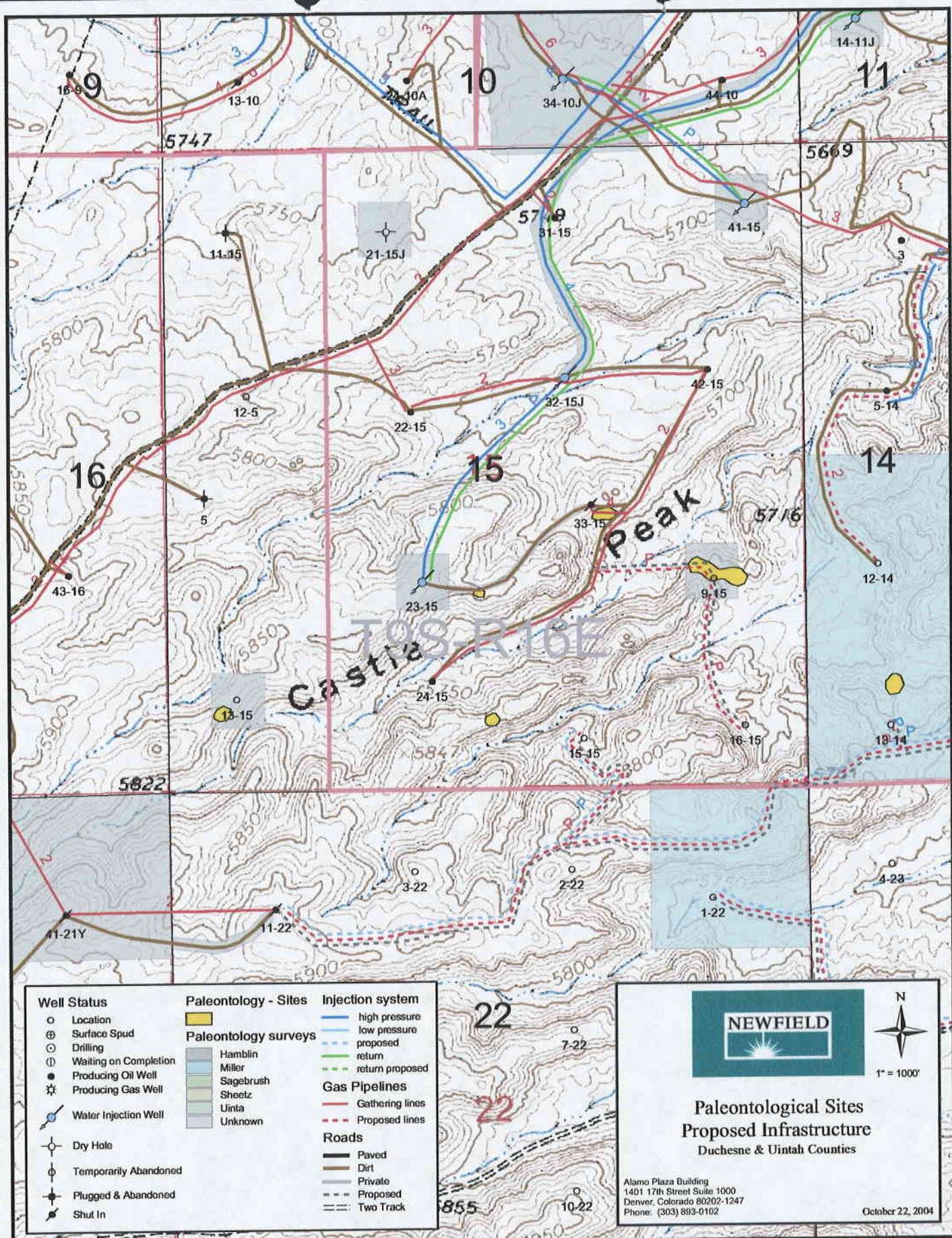
REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 11, 2004



005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/21/2005

API NO. ASSIGNED: 43-013-32753

WELL NAME: JONAH FED 15-15-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSE 15 090S 160E

SURFACE: 0421 FSL 1864 FEL

BOTTOM: 0421 FSL 1864 FEL

DUCHESNE

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-017985

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.02471

LONGITUDE: -110.1021

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTU0056)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

____ R649-2-3.

Unit JONAH (GREEN RIVER)

____ R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells☒ R649-3-3. Exception☒ Drilling UnitBoard Cause No: 228-2Eff Date: 7-16-1993Siting: 460' From Qtr/Qtr & 920' Between Wells

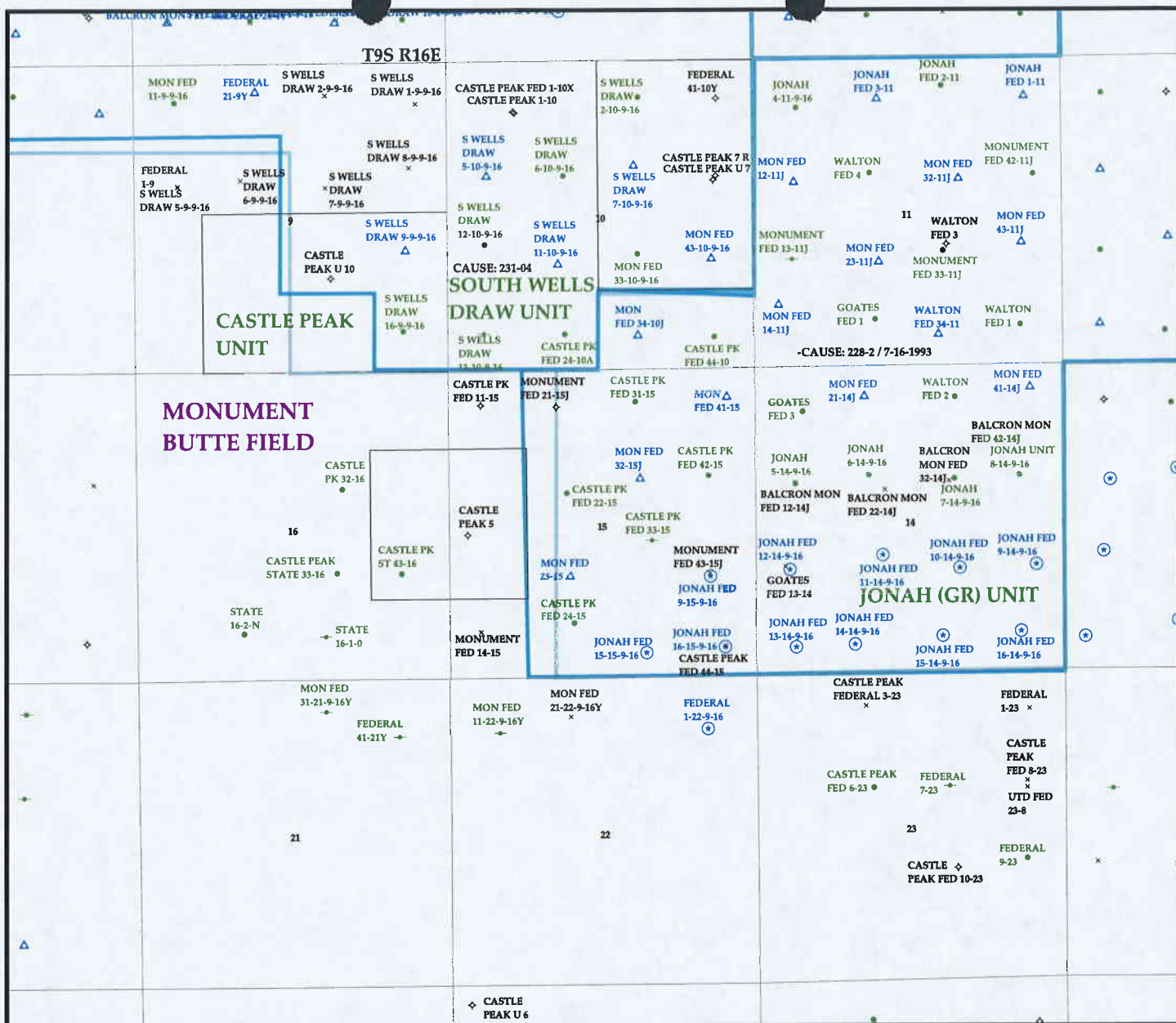
____ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1. Lined Approval



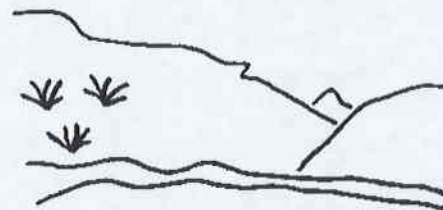
OPERATOR: NEWFIELD PROD CO (N2695)

SEC. 15 T.9S R.16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 228-2 / 7-16-1993



Utah Oil Gas and Mining

Wells

- ⬮ GAS INJECTION
- ⬮ GAS STORAGE
- ⬮ LOCATION ABANDONED
- ⬮ NEW LOCATION
- ⬮ PLUGGED & ABANDONED
- ⬮ PRODUCING GAS
- ⬮ PRODUCING OIL
- ⬮ SHUT-IN GAS
- ⬮ SHUT-IN OIL
- ⬮ TEMP. ABANDONED
- ⬮ TEST WELL
- ⬮ WATER INJECTION
- ⬮ WATER SUPPLY
- ⬮ WATER DISPOSAL

Units.shp

- ⬮ EXPLORATORY
- ⬮ GAS STORAGE
- ⬮ NF PP OIL
- ⬮ NF SECONDARY
- ⬮ PENDING
- ⬮ PI OIL
- ⬮ PP GAS
- ⬮ PP GEOTHERML
- ⬮ PP OIL
- ⬮ SECONDARY
- ⬮ TERMINATED

Fields.shp

- ⬮ ABANDONED
- ⬮ ACTIVE
- ⬮ COMBINED
- ⬮ INACTIVE
- ⬮ PROPOSED
- ⬮ STORAGE
- ⬮ TERMINATED



PREPARED BY: DIANA WHITNEY
DATE: 24-JANUARY-2005

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

January 24, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2005 Plan of Development Jonah Unit, Duchesne
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Jonah Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Green River)

43-013-32754	Jonah Federal 16-15-9-16 Sec 15 T09S R16E 0512 FSL 0535 FEL	
43-013-32753	Jonah Federal 15-15-9-16 Sec 15 T09S R16E 0421 FSL 1864 FEL	

Our records indicate the 15-15-9-16 is closer than 460 feet from the Jonah Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Jonah Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:1-24-05

To: Newfield Production Company
Attn: Laurie Deseau

Fax: 303-893-0103

RE: Exception Location
Federal 15-15-9-16; Lease UTU-017985

Please be advised that Yates Petroleum Corporation does not have an objection to the proposed location of the aforementioned well.

By: Amy Walsh
Senior Landman
Print Name and Title

Date: 4/22/05



February 26, 2008

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

UIC-344.18

RE: Permit Application for Water Injection Well
Jonah Federal 15-15-9-16
Monument Butte, Lease #U-17985
Section 15-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Jonah Federal 15-15-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field. I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Analyst

MAR 05 2008

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

JONAH FEDERAL #15-15-9-16

MONUMENT BUTTE FEDERAL

LEASE #U-17985

February 26, 2008

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1401 17th Street, Suite 1000
Denver, Colorado 80202

Well Name and number: Jonah Fed 15-15-9-16
Field or Unit name: Monument Butte (Green River), South Wells Draw Lease No. U-17985
Well Location: QQ SW/SE section 15 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
Disposal? Yes ☐ No ☒
Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____

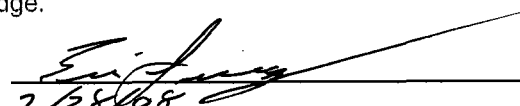
API number: 43-013-32753

Proposed injection interval: from 3845 to 5824
Proposed maximum injection: rate 500 bpd pressure 1819 psig
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Analyst Date 2/28/08
Phone No. (303) 893-0102

(State use only)

Application approved by _____ Title _____

Approval Date _____

Comments:

Jonah 15-15-9-16

Spud Date: 01/07/06
Put on Production: 02/07/06
GL: 5758' KB: 5770'

Projected Injection Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.55')
DEPTH LANDED: 323.40' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5874.99')
DEPTH LANDED: 5874.24' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP @ 130

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 173 jts (5626.46')
TUBING ANCHOR: 5638.46'
NO. OF JOINTS: 1 jts (32.53')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5673.79'
NO. OF JOINTS: 2 jts (65.03')
TOTAL STRING LENGTH: EOT @ 5740.37'

FRAC JOB

01/31/06	5678-5722'	Frac CP4, CP5 sands as follows: 30113# 20/40 sand in 388 bbls Lightning 17 frac fluid. Treated @ avg press of 1859 psi w/avg rate of 25.2 BPM. ISIP 2050 psi. Calc flush: 5676 gal. Actual flush: 5141 gal.
01/31/06	5481-5494'	Frac CP2 sands as follows: 50320# 20/40 sand in 436 bbls Lightning 17 frac fluid. Treated @ avg press of 1616 psi w/avg rate of 25.2 BPM. ISIP 1900 psi. Calc flush: 5479 gal. Actual flush: 4872 gal.
01/31/06	4978-4983'	Frac A3 sands as follows: 19771# 20/40 sand in 295 bbls Lightning 17 frac fluid. Treated @ avg press of 2420 psi w/avg rate of 25.3 BPM. ISIP 2150 psi. Calc flush: 4976 gal. Actual flush: 4452 gal.
01/31/06	4818-4835'	Frac B2 sands as follows: 25033# 20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 1958 psi w/avg rate of 25 BPM. ISIP 1850 psi. Calc flush: 4816 gal. Actual flush: 4284 gal.
01/31/06	4646-4657'	Frac D3, C, sands as follows: 98438# 20/40 sand in 701 bbls Lightning 17 frac fluid. Treated @ avg press of 2161 psi w/avg rate of 25.1 BPM. ISIP 2300 psi. Calc flush: 4644 gal. Actual flush: 4074 gal.
02/01/06	4186-4190'	Frac PB7 sands as follows: 19753# 20/40 sand in 267 bbls Lightning 17 frac fluid. Treated @ avg press of 2643 psi w/avg rate of 24.8 BPM. ISIP 2650 psi. Calc flush: 4184 gal. Actual flush: 3654 gal.
02/01/06	4053-4059'	Frac GB6 sands as follows: 17961# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 2240 psi w/avg rate of 25 BPM. ISIP 1900 psi. Calc flush: 4051 gal. Actual flush: 3948 gal.
04/13/07 7/30/07	Pump Change	Update Rod & Tubing Pump change. Updated rod & tubing detail.

PERFORATION RECORD

01/27/06	5716-5722'	4 JSPF	24 holes
01/27/06	5678-5685'	4 JSPF	28 holes
01/31/06	5481-5494'	4 JSPF	52 holes
01/31/06	4978-4983'	4 JSPF	20 holes
01/31/06	4830-4835'	4 JSPF	20 holes
01/31/06	4818-4828'	4 JSPF	20 holes
01/31/06	4700-4708'	4 JSPF	32 holes
01/31/06	4646-4657'	4 JSPF	44 holes
01/31/06	4186-4190'	4 JSPF	16 holes
02/01/06	4053-4059'	4 JSPF	24 holes

CEMENT TOP @ 130

Packer @ 4018

4053-4059'

4186-4190'

4646-4657'

4700-4708'

4818-4823'

4830-4835'

4978-4983'

5481-5494'

5678-5685'

5716-5722'

PBTD @ 5824'

TD @ 5885'

NEWFIELD



Jonah 15-15-9-16

421' FSL & 1864' FEL

SW/SE Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-32753; Lease #UTU-17985

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1401 17th Street, Suite 1000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Jonah Federal #15-15-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Jonah Federal #15-15-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3845' - 5824'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, whichever is shallower. The Garden Gulch Marker top is at 3520' and the TD is at 5885'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Jonah Federal #15-15-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #U-17985) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 323' KB, and 5-1/2" 15.5# J-55 casing run from surface to 5874' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1819 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Jonah Federal #15-15-9-16, for existing perforations (4053' - 5722') calculates at 0.82 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1819 psig. We may add additional perforations between 3845' and 5885'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Jonah Federal #15-15-9-16, the proposed injection zone (3845' - 5824') is in the Garden Gulch to Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-8.

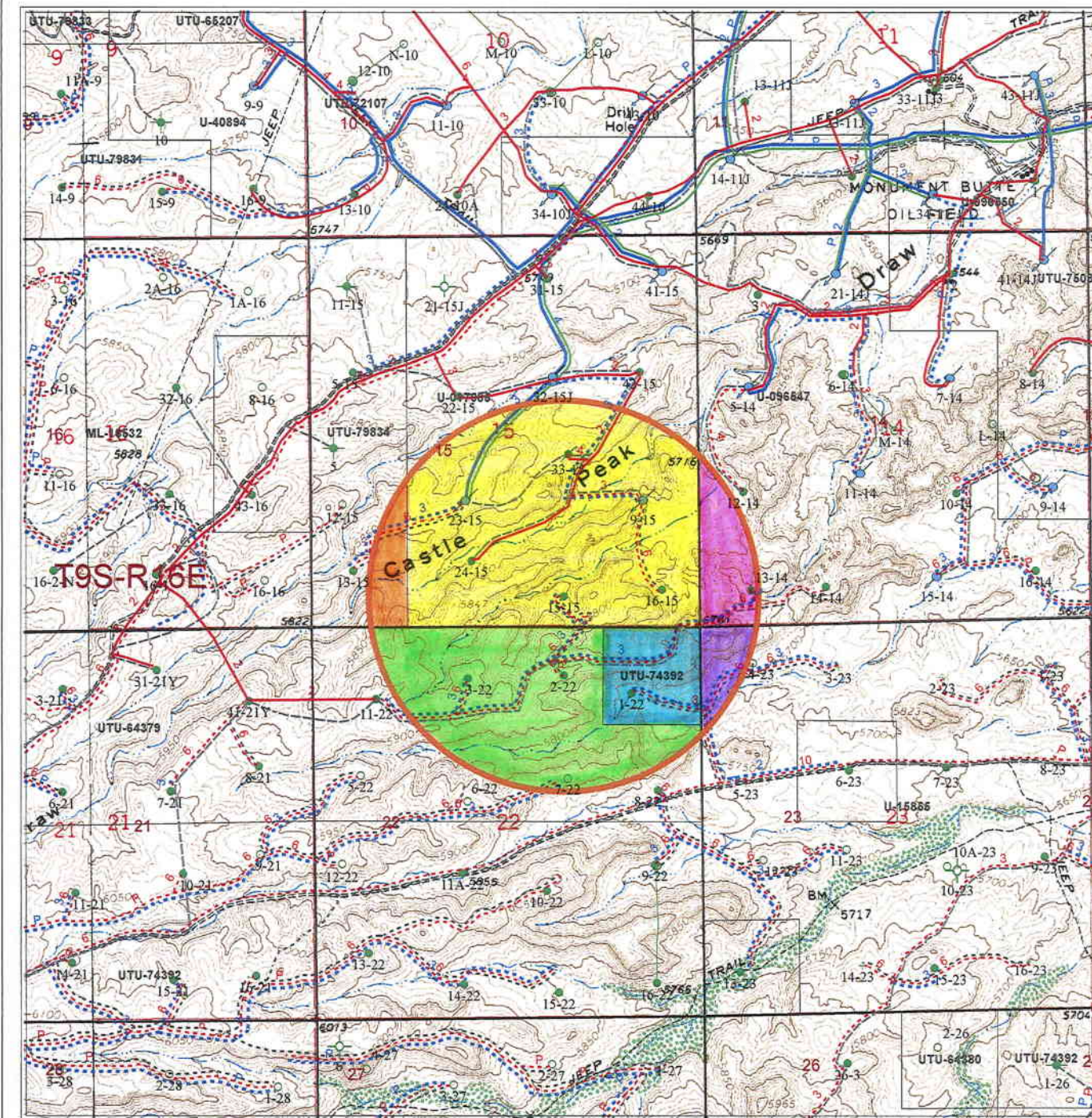
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



- Well Status**
- Location
 - ⊙ CTI
 - ⊙ Surface Spud
 - ⊙ Drilling
 - ⊙ Waiting on Completion
 - Producing Oil Well
 - ⊙ Producing Gas Well
 - ⊙ Water Injection Well
 - ⊙ Dry Hole
 - ⊙ Temporarily Abandoned
 - ⊙ Plugged & Abandoned
 - ⊙ Shut In
- Countyline**
- Countyline
- Injection system**
- high pressure
 - low pressure
 - ⋯ proposed
 - return
 - ⋯ return proposed
- Gas Pipelines**
- Gathering lines
 - ⋯ Proposed lines
- Leases**
- Leases
 - 15-15-9-16 1/2mile radius

U-17985
 U-94547
 U-74392
 U-15855
 U-79834

Attachment A

Jonah Fed 15-15-9-16
 Section 15, T9S-R16E

NEWFIELD
 ROCKY MOUNTAINS



1/2 Mile Radius Map
 Duchesne County

Alamo Plaza Building
 1401 17th Street Suite 1000
 Denver, Colorado 80202-1247
 Phone: (303) 893-0102

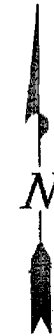
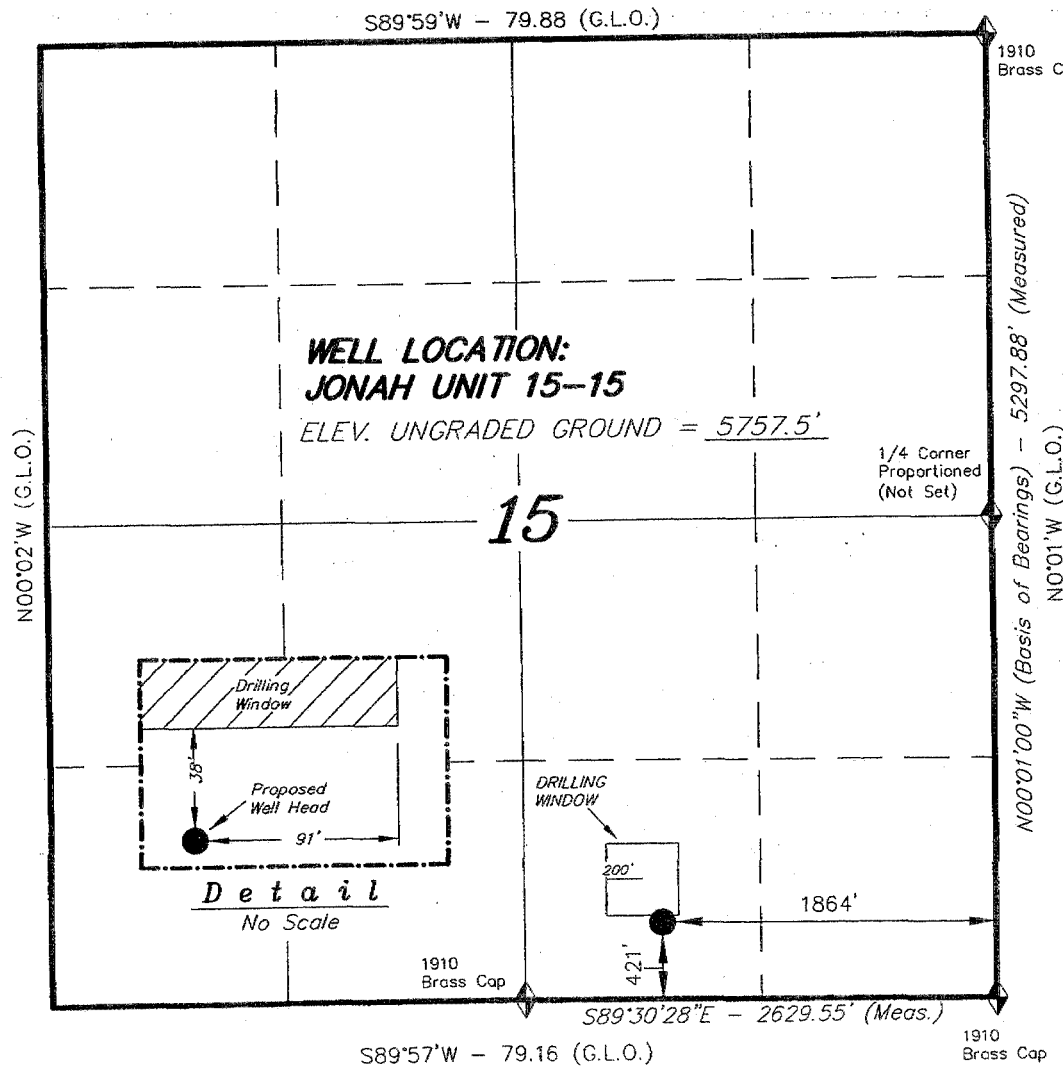
February 11, 2008

T9S, R16E, S.L.B.&M.

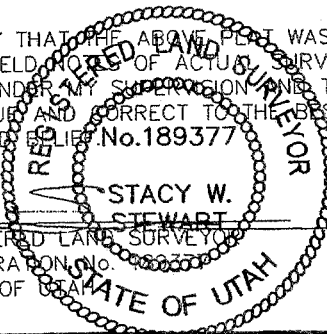
INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 15-15,
LOCATED AS SHOWN IN THE SW 1/4 SE
1/4 OF SECTION 15, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

Attachment A-1



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 9-3-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

EXHIBIT B

Page 1

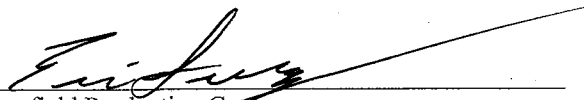
#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 16 East</u> Section 10: S/2SE/4 Section 15: E/2, E/2W/2	UTU-017985 HBP	Newfield Production Company	(Surface Rights) USA
2	<u>Township 9 South, Range 16 East</u> Section 11: W/2SW/4, SE/4SW/4 Section 14: SW/4NE/4, SE/4SE/4, W/2SE/4, W/2	UTU-096547 HBP	Newfield Production Company	(Surface Rights) USA
3	<u>Township 9 South, Range 16 East</u> Section 21: S/2 Section 22: NE/4NE/4, S/2 Section 23: SW/4SW/4 Section 24: SE/4SE/4 Section 26: NE/4NE/4 Section 27: All Section 28: All	UTU-74392 HBP	Newfield Production Company Yates Petroleum Corporation Yates Drilling Company Myco Industries, Inc. ABO Petroleum Corporation	(Surface Rights) USA
4	<u>Township 9 South, Range 16 East</u> Section 23: E/2, NW/4, E/2SW/4, NW/4SW/4 Section 24: N/2, SW/4, N/2SE/4, SW/4SE/4	UTU-15855 HBP	Newfield Production Company Rust to Gold, LLC	(Surface Rights) USA
5	<u>Township 9 South, Range 16 East</u> Section 15: W2W2	UTU-79834 HBP	Newfield Production Company	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Jonah Federal #15-15-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 28th day of February, 2008.

Notary Public in and for the State of Colorado: 

My Commission Expires: 05/05/2009

A Hume E

Jonah 15-15-9-16

Spud Date: 01/07/06
Put on Production: 02/07/06

GL: 5758' KB: 5770'

SURFACE CASING

CSG SIZE: 8-5/8"
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SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5673.79'
NO. OF JOINTS: 2 jts (65.03')
TOTAL STRING LENGTH: EOT @ 5740.37'


SUCKER RODS

POLISHED ROD: 1 1/2" x 22'
SUCKER RODS: 1-8', 1-2' x 3/4" pony rods, 99-3/4" scraped rods, 101- 3/4" plain rods, 20- 3/4" scraped rods, 6-1 1/2" weight rods
PUMP SIZE: 2 1/2" x 1 1/2" x 15.5' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED: 5 SPM

Wellbore Diagram

CEMENT TOP @ 130

SN 5673.79'

 <p>NEWFIELD</p>
<p>Jonah 15-15-9-16</p> <p>421' FSL & 1864' FEL</p> <p>SW/SE Section 15-T9S-R16E</p> <p>Duchesne Co, Utah</p> <p>API #43-013-32753; Lease #UTU-17985</p>

Initial Production: BOPD,
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PERFORATION RECORD

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01/31/06	4646-4657'	4 JSPF	44 holes
01/31/06	4186-4190'	4 JSPF	16 holes
02/01/06	4053-4059'	4 JSPF	24 holes

4053-4059'
4186-4190'
4646-4657'
4700-4708'
4818-4823'
4830-4835'
4978-4983'
5481-5494'
Anchor @ 5638.46'
5678-5685'
5716-5722'
EOT @ 5740.37'
PBT @ 5824'
SHOE @ 5874'
TD @ 5885'

A Hand. E-1

Castle Peak Federal #33-15

Wellbore Diagram

Elev GL @ 5745'
Elev KB @ 5759' (14' KB)

SURFACE CASING

8 5/8", 24#, K-55
6 jts @ 243.35'
Landed @ 253' KB
Hole Size @ 12 1/4"
Cemented w/200 sx Class G w/ 2%
CaCl & 1/4#/sx Flocele. Cemented
to surface.

TOC @ 224' ---
253' KB --->

PRODUCTION CASING

5 1/2", 15.5#, K-55
143 jts @ 5981'
Landed @ 5979' KB
Hole Size @ 7 7/8"
Cemented w/645 sx Class G & 750
sx 10.0 RFC w/ additives.
Cement Top @ 224' from CBL

TUBING

SIZE/GRADE/WT.: 2 3/8", 4.7 lbs
NO. OF JOINTS: 170 jts. @ 5163'
TUBING ANCHOR: 2-3/8"x5-1/2"x2.75'
NO. OF JOINTS: 20 jts. @ 626.81'
SEATING NIPPLE: 2 3/8" x 1.1'
PERF. SUB: 2-3/8"x4.00'
MUD ANCHOR: 2 3/8" x 30'
TOTAL STRING LENGTH: 5843'
SN LANDED AT: 5807'KB

1 - 1-1/4" x 16' Polish Rod
1-3/4"x2' Pony
2-3/4"x4' Pony
2-3/4"x6' Pony
219-3/4"x25' Slick Rods
11-3/4"x25' W/2" guides
2" x 1 1/2" x 14' RWBC

STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE: Lufkin MarkII M114D 173-74
Unit serviced 10-6-92
S/N E97711A1-456676
Ajax EA-30 engine
S/N 79361

ACID JOBS

5217'-5230' KB 1000 gal 7.5% HCl
5471'-5543' KB 2000 gal 7.5% HCl
5656'-5776' KB 1000 gal 7.5% HCl

FRAC JOBS

5217'-5230' KB 5-18-82: w/Western. 20000 gal Apollo 40
w/28500# 20-40 sand & 12000# 10-20 sand.
ATR 10 BPM @ 2500 psi, max 2600 psi. ISIF
@ 2450 psi, 15 - 2200 psi, 20 - 2200 psi.
5471'-5543' KB 5-16-82: w/Western. 50000 gal Apollo 40
w/75000# 20-40 sand & 20000# 10-20 sand.
ATR 20 BPM @ 1700 psi, max 1800 psi. ISIF
@ 1700 psi, 15 - 1600 psi, 20 - 1550 psi.
5656'-5776' KB 5-14-82: w/Western. 3850 gal Apollo 40
w/3200# 20-40 sand. 8 Bail sealers pumped
sand screened out before balls hit peris.
ATR 10 BPM @ 1600 psi, max 3800 psi.
ISIP 800 psi, 15 - 0.

PERFORATION RECORD

5217'-5230' (13')	(2 SPF)	BSF
5471'-5505' (33')	(2 SPF)	BLUE1
5522'-5543' (21')	(2 SPF)	BLUE2
5656'-5664' (8')	(2 SPF)	BLUE3
5760'-5776' (16')	(1 SPF)	BLUE4

SN Landed @ 5807' KB
PBT'D @ 5934' KB
TD @ 5980' KB



Inland Resources Inc.

CASTLE PEAK FEDERAL #33-15
Jonah Unit/Monument Butte Fie.
Lease No. U-017985
NW SE Sec. 15, T9S, R16E
Duchesne Co., Utah

AHm. E-2

Monument Fed. #23-15-9-16

Spud Date: 10/06/93
Put on Production: 11/30/93
Put on Injection: 11/11/94
GL: 5828' KB: 5838'

Initial Production: 40 BOPD,
200 MCFD, 56 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts. (270.52')
DEPTH LANDED: 278.25' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

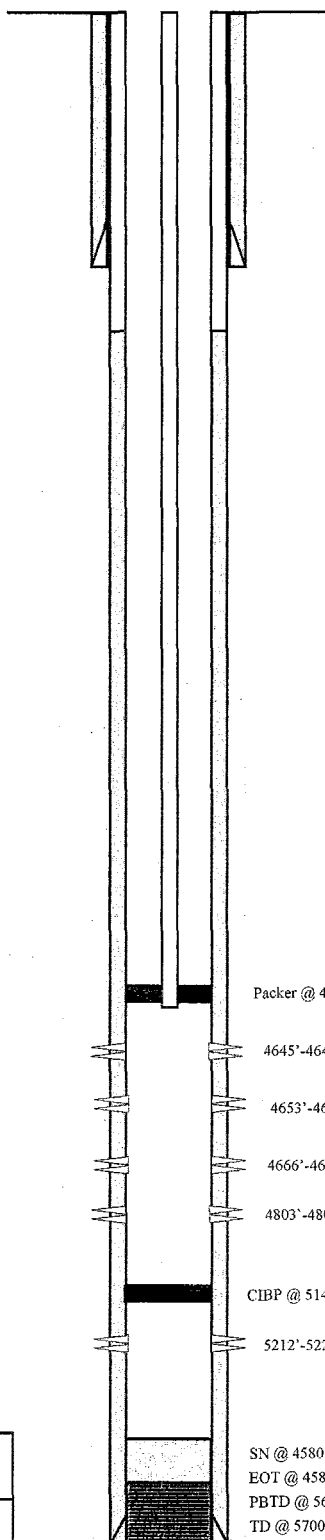
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 130 jts. (5666.71')
DEPTH LANDED: 5675.71' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 100 sxs Hi-Fill & 250 sxs 50/50 POZ.
CEMENT TOP AT: 2490' per CBL

TUBING

SIZE/GRADE/AWT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 148 jts (4569.94')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4580.99' KB
2 7/8" x 2 3/8" CROSSOVER: 4581.74' KB
PACKER: 4587.94' KB
TOTAL STRING LENGTH: EOT @ 4587.94'

Injection Wellbore
Diagram



FRAC JOB

11/03/93 5212'-5222' Frac zone as follows:
20,700# 16/30 sand in 380 bbls. 2% KCl.
Screened out.

11/11/93 4645'-4808' Frac zone as follows:
39,890# 16/30 sand in 637 bbl KCl. Avg.
treating press. 2800 psi @ 19.5 BPM. ISIP
1890 psi. Calc. flush: 4645 gal. Actual flush:
4494 gal.

PERFORATION RECORD

Date	Interval	Tool	Holes
11/01/93	5216'-5220'	2 JSPF	08 holes
11/03/93	5212'-5222'	4 JSPF	40 holes
11/09/93	4803'-4808'	1 JSPF	05 holes
11/09/93	4666'-4672'	1 JSPF	04 holes
11/09/93	4653'-4655'	1 JSPF	02 holes
11/09/93	4645'-4649'	1 JSPF	03 holes
10/12/94	4666'-4672'	2 JSPF	12 holes
10/12/94	4653'-4655'	2 JSPF	04 holes
10/12/94	4645'-4649'	2 JSPF	08 holes



Inland Resources Inc.

Monument Fed. #23-15-9-16

1724' FSL & 2078' FWL

NESW Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-31373; Lease #UTU-76241

9 Hm. 6-3

Jonah Federal 9-15-9-16

Spud Date: 6-1-05
Put on Production: 7-7-05
GL: 5698' KB: 5710'

Initial Production: 77 BOPD,
11 MCFD, 59 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (302.72')
DEPTH LANDED: 314.57' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5836.02')
DEPTH LANDED: 5849.27' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 460'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 148 jts (4436.14')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4636.14' KB
TOTAL STRING LENGTH: EOT @ 4644.69' KB

FRAC JOB

6-30-05	5666-5696'	Frac CP5 & CP4 sands as follows: 70165# 20/40 sand in 559 bbls Lightning 17 frac fluid. Treated @ avg press of 1230 psi w/avg rate of 24.5 BPM. ISIP 1800 psi. Calc flush: 5664 gal. Actual flush: 5670 gal.
6-30-05	5428-5446'	Frac CP1 sands as follows: 57169# 20/40 sand in 486 bbls Lightning 17 frac fluid. Treated @ avg press of 1346 psi w/avg rate of 24.5 BPM. ISIP 1900 psi. Calc flush: 5426 gal. Actual flush: 5418 gal.
7-1-05	4998-5118'	Frac LODC, A1, A3 sands as follows: 34026# 20/40 sand in 343 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 24.5 BPM. ISIP 2500 psi. Calc flush: 5996 gal. Actual flush: 4738 gal.
7-1-05	4820-4857'	Frac B2 sands as follows: 49623# 20/40 sand in 426 bbls Lightning 17 frac fluid. Treated @ ave. pressure of 1590 24.5 BPM. ISIP 2000 psi. Calc flush: 4818 gal. Actual flush: 4578 gal.
7-1-05	4704-4720'	Frac C sands as follows: 88671# 20/40 sand in 632 bbls Lightning 17 frac fluid. 24.5 BPM. Treated @ ave. pressure of 1714 ISIP 2000 psi. Calc flush: 4402 gal. Actual flush: 4607 gal.
11/14/06		Well converted to an Injection well.
11/21/06		MIT completed and submitted.

Cement top @ 460'

Packer @ 4641'

EOT @ 4645'

4704-4720'

4820-4827'

4832-4836'

4851-4857'

4998-5003'

5014-5018'

5114-5118'

5428-5446'

5666-5696'

5716-5720'

PBTD @ 5805'

SHOE @ 5849'

TD @ 5860'

PERFORATION RECORD

6-24-05	5666-5696'	4 JSPF	120 holes
6-24-05	5716-5720'	4 JSPF	16 holes
6-30-05	5428-5446'	4 JSPF	72 holes
6-30-05	5114-5118'	4 JSPF	16 holes
6-30-05	5014-5018'	4 JSPF	16 holes
6-30-05	4998-5003'	4 JSPF	20 holes
7-1-05	4851-4857'	4 JSPF	24 holes
7-1-05	4832-4836'	4 JSPF	16 holes
7-1-05	4820-4827'	4 JSPF	28 holes
7-1-05	4704-4720'	4 JSPF	64 holes

NEWFIELD

Jonah Federal 9-15-9-16

1724' FSL & 782' FEL

NE/SE Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-32683; Lease #UTU-017985

D.H.M. 6-4

Castle Peak #24-15-9-16

Spud Date:
Put on Production:
GL: 5770' KB: 5783'

Initial Production: ? BOPD,
? MCFD, ? BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 7 jts. (261')
DEPTH LANDED: 274'
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs Type II cement. Returns to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5870.46')
DEPTH LANDED: 5867'
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Dowell HiLift & 475 sxs 10-0 PFC.
CEMENT TOP AT: 920' per CBL

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 6.5#
NO. OF JOINTS: 181 jts (5413.78')
TUBING ANCHOR: 5429.63'
NO. OF JOINTS: 1 jt (29.51')
SEATING NIPPLE: 2-3/8" (1.10')
SN LANDED AT: 5460.24' KB
NO. OF JOINTS: 2 jts (60.12')
TOTAL STRING LENGTH: EOT @ 5520.76'

SUCKER RODS

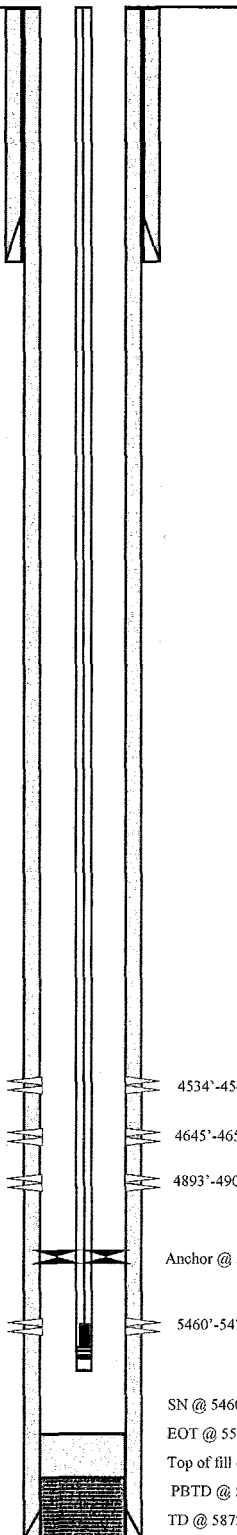
POLISHED ROD: 1-1/4" x 16' SM
SUCKER RODS: 4 - 1 1/2" wt bars, 27-3/4" scraped rods; 101-3/4" slick rods, 85-3/4" scraper rods, 1-6', 1-2"x 3/4" pony rods.
PUMP SIZE: 2" x 1-1/4" x 15' RHAC
STROKE LENGTH: 56"
PUMP SPEED, SPM: 4 SPM
LOGS: DIGL/SP/GR/CAL

FRAC JOB

Date	Interval	Details
7/19/82	5460'-5477'	Frac zone as follows: 30,500# 20/40 + 6,000# 10-20 sand in 643 bbls Ver 140 fluid. Treated @ avg press of 1650 psi w/avg rate of 15 BPM. ISIP 1620 psi.
8/08/82	4893'-4904'	Frac zone as follows: 19,500# 20/40 + 6,000# 10-20 sand in 560 bbls Ver 140 fluid. Treated @ avg press of 2000 psi w/avg rate of 10 BPM. ISIP 2120 psi.
8/21/82	4534'-4548'	Frac zone as follows: 44,500# 20/40 + 12,000# 10-20 sand in 905 bbls Ver 140 fluid. Treated @ avg press of 2600 psi w/avg rate of 15 BPM. ISIP 1920 psi.
11/6/01		Tbg leak. Update rod and tubing details.
11/20/01		Pump change. Update rod details.
5-31-05		Pump change. Update rod details.

PERFORATION RECORD

Interval	Tool	Holes
4534'-4548'	2 JSPF	28 holes
4645'-4652'	2 JSPF	14 holes
4893'-4904'	2 JSPF	22 holes
5460'-5477'	2 JSPF	34 holes



Castle Peak #24-15-9-16
659' FSL & 1980' FWL
SESW Section 15-T9S-R16E
Duchesne Co, Utah
API #43-013-30681; Lease #U-74805

Jonah Federal 16-15-9-16

Spud Date: 12/28/05
Put on Production: 02/02/06

GL: 5704' KB: 5716'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (315.16')
DEPTH LANDED: 327.01' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5818.63')
DEPTH LANDED: 5817.88' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

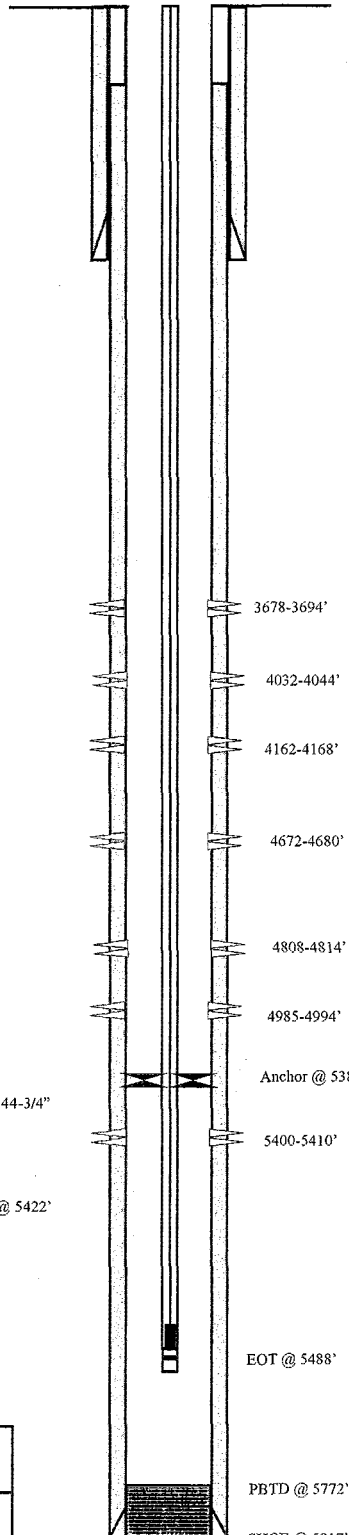
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 169 jts (5375.55')
TUBING ANCHOR: 5387.55'
NO. OF JOINTS: 1 jts (31.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5421.65'
NO. OF JOINTS: 2 jts (64.41')
TOTAL STRING LENGTH: EOT @ 5487.61'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 1-6' 1-2' x 3/4" pony rod, 69-3/4" scraped rods, 144-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-3/4" x 15" RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM: SN @ 5422'

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

01/25/06	5400-5410'	Frac CP1 sands as follows: 14789# 20/40 sand in 255 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 25.1 BPM. ISIP 1850 psi. Calc flush: 5398 gal. Actual flush: 4872 gal.
01/25/06	4985-4994'	Frac A3 sands as follows: 18508# 20/40 sand 284 bbls Lightning 17 frac fluid. Treated @ avg press of 1845 psi w/avg rate of 25.1 BPM. ISIP 1870 psi. Calc flush: 4983 gal. Actual flush: 4992 gal.
01/25/06	4808-4814'	Frac B2 sands as follows: 23613# 20/40 sand in 319 bbls Lightning 17 frac fluid. Treated @ avg press of 2375 psi w/avg rate of 25.1 BPM. ISIP 2600 psi. Calc flush: 4806 gal. Actual flush: 4284 gal.
01/25/06	4672-4680'	Frac C sands as follows: 61018# 20/40 sand in 480 bbls Lightning 17 frac fluid. Treated @ avg press of 2005 psi w/avg rate of 25 BPM. ISIP 2240 psi. Calc flush: 4670 gal. Actual flush: 4116 gal.
01/25/06	4032-4044'	Frac PB8, GB6 sands as follows: 29328# 20/40 sand in 330 bbls Lightning 17 frac fluid. Treated @ avg press of 1813 psi w/avg rate of 25.1 BPM. ISIP 1835 psi. Calc flush: 4030 gal. Actual flush: 3486 gal.
01/25/06	3678-3694'	Frac GG sands as follows: 48534# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 1700 psi w/avg rate of 25.1 BPM. ISIP 1840 psi. Calc flush: 3676 gal. Actual flush: 3570 gal.

06-26-06 **Parted Rods:** Update rod and tubing details.
11-27-06 **Pump Change:** Updated rod and tubing detail.
9-12-07 **Pump change.** Updated rod & tubing details.

PERFORATION RECORD

01/18/06	5400-5410'	4 JSPF	40 holes
01/25/06	4985-4994'	4 JSPF	36 holes
01/25/06	4808-4814'	4 JSPF	24 holes
01/25/06	4672-4680'	4 JSPF	32 holes
01/25/06	4162-4168'	4 JSPF	24 holes
01/25/06	4032-4044'	4 JSPF	48 holes
01/25/06	3678-3694'	4 JSPF	64 holes

NEWFIELD

Jonah Federal 16-15-9-16

512' FSL & 535' FEL

SE/NE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-047-32754; Lease #UTU-17985

Jonah Federal 13-14-9-16

Spud Date: 5/21/05
Put on Production: 7/1/05
GL: 5758' KB: 5780'

Initial Production: 171 BOPD,
14 MCFD, 151 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (303.95')
DEPTH LANDED: 313.95' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5925.19')
DEPTH LANDED: 5923.19' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 450'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 jts
TUBING ANCHOR: 5697' KB
NO. OF JOINTS: 2 jts
SN LANDED AT: 1.10' @ 5729
NO. OF JOINTS: 1 jt.
TOTAL STRING LENGTH: EOT @ 5795' w/12' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'
SUCKER RODS: 1-8', 1-6', 1-4' X 3/4" pony rods, 112-3/4" slick rod, 99-3/4" guided rods, 10-3/4" guided rods, 6-1 1/2" weight rods
PUMP SIZE: 2 1/2" x 1 1/2" x 14 1/2" RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

6-27-05 5730-5746' **Frac CP5 sands as follows:**
58406# 20/40 sand in 503 bbls Lightning 17 frac fluid. Treated @ avg press of 1678 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 5728 gal. Actual flush: 5712 gal.

6-27-05 5458-5482' **Frac CP1 sands as follows:**
78805# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1654 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5456 gal. Actual flush: 5462 gal.

6-27-05 5025-5050' **Frac A1/A3 sands as follows:**
108479# 20/40 sand in 876 bbls Lightning 17 frac fluid. Treated @ avg press of 1560 psi w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc flush: 5023 gal. Actual flush: 5082 gal.

6-27-05 4814-4871' **Frac B2 & B1 sands as follows:**
43548# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 1606 psi w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc flush: 4812 gal. Actual flush: 4872 gal.

6-27-05 4726-4742' **Frac C sands as follows:**
68949# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 1590 psi w/avg rate of 24.5 BPM. ISIP 2100 psi. Calc flush: 4724 gal. Actual flush: 4704 gal.

6-27-05 4057-4062' **Frac GB4 sands as follows:**
12976# 20/40 sand in 203 bbls Lightning 17 frac fluid. Treated @ avg press of 1956 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 4055 gal. Actual flush: 4704 gal.

07/07/06

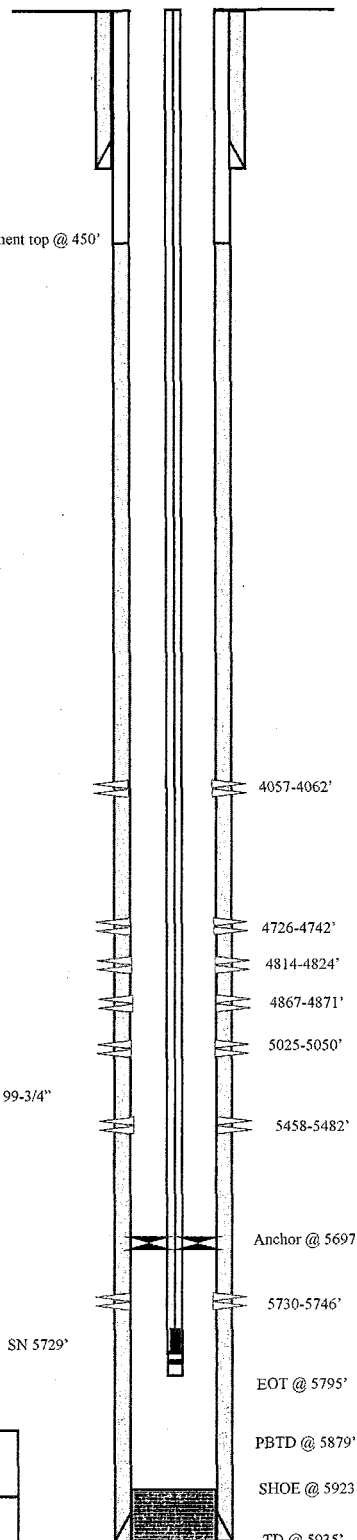
Pump Change: Updated rod and tubing detail.

01-09-07

Pump Change: Updated rod and tubing detail.

PERFORATION RECORD

Date	Interval	Tool	Holes
6-22-05	5730-5746'	4 JSPF	64 holes
6-27-05	5458-5482'	4 JSPF	96 holes
6-27-05	5025-5050'	4 JSPF	100 holes
6-27-05	4867-4871'	4 JSPF	16 holes
6-27-05	4814-4824'	4 JSPF	40 holes
6-27-05	4726-4742'	4 JSPF	64 holes
6-27-05	4057-4062'	4 JSPF	20 holes



NEWFIELD

Jonah Federal 13-14-9-16

484' FSL & 688' FWL

SW/SW Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32696; Lease #UTU-096547

TK 2-27-2007

Altum. 6-7

FEDERAL 2-22-9-16

Spud Date: 05/23/07
Put on Production: 07/03/07

GL: 5860' KB: 5872'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (302.90')
DEPTH LANDED: 314.75' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5894.51')
DEPTH LANDED: 5893.76' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 178 jts. (5496.27')
TUBING ANCHOR: 5508.27'
NO. OF JOINTS: 1 jts (31.64')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5542.71'
NO. OF JOINTS: 1 jt. (29.82')
NO. OF JOINTS: 3 jts (94.65')
TOTAL STRING LENGTH: EOT @ 5675.03'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 1-2", 1-4" & 1-8" x 3/4" pony rods, 99-3/4" guided rods, 96-3/4" plain rods, 20-3/4" plain rods, 6-1 1/2" weight bars..
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16" RHAC
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM

Wellbore Diagram

Cement Top @ 160'


SN 5542.71'

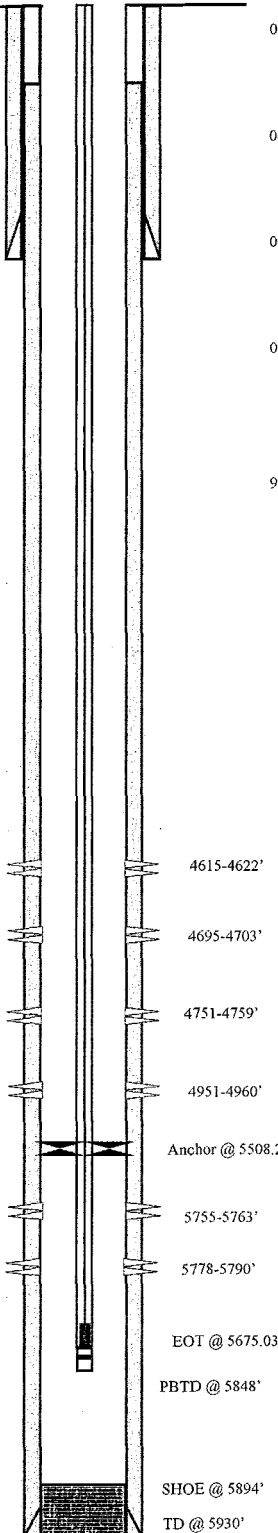
FRAC JOB

06/27/07	5755-5790'	Frac CP5 sands as follows: 60101# 20/40 sand in 501 bbls Lightning 17 frac fluid. Treated @ avg press of 1583 psi w/avg rate of 24.7 BPM. ISIP 1950 psi. Calc flush: 5753 gal. Actual flush: 5166 gal.
06/27/07	4951-4960'	Frac A.5 sands as follows: 39988# 20/40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 2087 psi w/avg rate of 24.7 BPM. ISIP 2525 psi. Calc flush: 4898 gal. Actual flush: 4360 gal.
06/27/07	4695-4759'	Frac D3 & C sands as follows: 57108# 20/40 sand in 466 bbls Lightning 17 frac fluid. Treated @ avg press of 2290 psi w/avg rate of 24.7 BPM. ISIP 3228 psi. Calc flush: 4693 gal. Actual flush: 4158 gal.
06/27/07	4615-4622'	Frac D1 sands as follows: 9646# 20/40 sand in 210 bbls Lightning 17 frac fluid. Treated @ avg press of 2799 psi w/avg rate of 24.7 BPM. ISIP 1928 psi. Calc flush: 4613 gal. Actual flush: 4536 gal.
9-18-07		Pump Change. Updated rod tubing details.

PERFORATION RECORD

06/25/07	5778-5790'	4 JSPF	48 holes
06/25/07	5755-5763'	4 JSPF	32 holes
06/27/07	4951-4960'	4 JSPF	36 holes
06/27/07	4751-4759'	4 JSPF	32 holes
06/27/07	4695-4703'	4 JSPF	32 holes
06/27/07	4615-4622'	4 JSPF	28 holes


FEDERAL 2-22-9-16 645'FNL & 1878' FEL NW/NE Section 22-T9S-R16E Duchesne Co, Utah API #43-013-32958; Lease # UTU-64379



ATHM. E-8

Federal 1-22-9-16

Spud Date: 12-26-05
Put on Production: 01-19-06
GL: 5742' KB: 5754'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (315.48')
DEPTH LANDED: 327.33' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5871.28')
DEPTH LANDED: 5869.78' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 400 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5390.82')
TUBING ANCHOR: 5402.82' KB
NO. OF JOINTS: 1 jts (31.80')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5437.42' KB
NO. OF JOINTS: 2 jts (63.20')
TOTAL STRING LENGTH: EOT @ 5502.17' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-4' & 1-2' 3/4" pony rods, 100- 3/4" scraped rods, 101- 3/4" plain rods, 10- 3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4.5 SPM

FRAC JOB

01-16-06 5410-55422' Frac CP2, sands as follows:
45584# 20/40 sand in 483 bbls Lightning 17 frac fluid. Treated @ avg press of 2087 psi w/avg rate of 25 BPM. ISIP 2130 psi. Calc flush: 5408 gal. Actual flush: 4788 gal.
01-16-06 4718-4730' Frac B2, & B1 sands as follows:
124027# 20/40 sand in 851 bbls Lightning 17 frac fluid. Treated @ avg press of 1490 psi w/avg rate of 24.9 BPM. ISIP 1900 psi. Calc flush: 4716 gal. Actual flush: 4116 gal.
01-16-06 4002-4007' Frac GB6 sands as follows:
23163# 20/40 sand in 305 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 14.5 BPM. ISIP 2080 psi. Calc flush: 4000 gal. Actual flush: 3877 gal.
03/22/06 Pump Change. Update rod and tubing details.

PERFORATION RECORD

01-11-06	5410-5422'	4 JSPF	48 holes
01-16-06	4768-4786'	4 JSPF	72 holes
01-16-06	4718-4730'	4 JSPF	48 holes
01-16-06	4002-4007'	4 JSPF	20 holes

Cement top @ 120'

4002-4007'

4718-1730'

4768-4786'

Anchor @ 5403'

SN 5437'

5410-5422'

EOT @ 5502'

PBTD @ 5824'

SHOE @ 5869'

TD @ 5875'

NEWFIELD

Federal 1-22-9-16

887' FNL & 963' FEL

NE/NE Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-32612; Lease #UTU-74392

Attachment F
1 of 3

West Coast Region
5125 Boylan Street
Bakersfield, CA 93308
(661) 325-4138
Lab Team Leader - Sheila Hernandez
(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	31706
Region:	WESTERN REGION	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	43416
Lease/Platform:	JONAH FACILITY	Analysis ID #:	79305
Entity (or well #):	15-15-9-16	Analysis Cost:	\$80.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary		Analysis of Sample 43416 @ 75 °F					
Sampling Date:	02/13/08	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	02/22/08	Chloride:	10103.0	284.97	Sodium:	7097.7	308.73
Analyst:	LISA HAMILTON	Bicarbonate:	1436.0	23.53	Magnesium:	7.0	0.58
TDS (mg/l or g/m3):	18968.3	Carbonate:	158.0	5.27	Calcium:	43.0	2.15
Density (g/cm3, tonne/m3):	1.013	Sulfate:	29.0	0.6	Strontium:	4.0	0.09
Anion/Cation Ratio:	0.9999999	Phosphate:			Barium:	2.0	0.03
		Borate:			Iron:	50.0	1.81
		Silicate:			Potassium:	38.0	0.97
Carbon Dioxide:		Hydrogen Sulfide:			Aluminum:		
Oxygen:		pH at time of sampling:			Chromium:		
Comments:		pH at time of analysis:		8.6	Copper:		
		pH used in Calculation:		8.6	Lead:		
					Manganese:	0.6	0.02
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO3		Gypsum CaSO4*2H2O		Anhydrite CaSO4		Celestite SrSO4		Barite BaSO4		CO2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	1.26	34.05	-3.25	0.00	-3.31	0.00	-2.48	0.00	0.33	0.69	0.04
100	0	1.19	33.71	-3.27	0.00	-3.26	0.00	-2.47	0.00	0.18	0.34	0.09
120	0	1.13	33.36	-3.28	0.00	-3.19	0.00	-2.45	0.00	0.05	0.00	0.17
140	0	1.09	33.02	-3.28	0.00	-3.10	0.00	-2.42	0.00	-0.06	0.00	0.31

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

2 of 3

Lab Team Leader - Sheila Hernandez

Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	31706
Region:	WESTERN REGION	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	409364
Lease/Platform:	JONAH FACILITY	Analysis ID #:	78566
Entity (or well #):	INJECTION SYSTEM	Analysis Cost:	\$80.00
Formation:	UNKNOWN		
Sample Point:	TRIPLEX SUCTION		

Summary		Analysis of Sample 409364 @ 75 °F					
Sampling Date:	01/20/08	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	01/25/08	Chloride:	1073.0	30.27	Sodium:	1249.7	54.36
Analyst:	STACEY SMITH	Bicarbonate:	551.0	9.03	Magnesium:	66.0	5.43
TDS (mg/l or g/m3):	4278	Carbonate:	0.0	0.	Calcium:	96.0	4.79
Density (g/cm3, tonne/m3):	1.003	Sulfate:	1230.0	25.61	Strontium:	2.5	0.06
Anion/Cation Ratio:	0.9999998	Phosphate:			Barium:	0.7	0.01
Carbon Dioxide:		Borate:			Iron:	2.0	0.07
Oxygen:		Silicate:			Potassium:	6.5	0.17
Comments:		Hydrogen Sulfide:			Aluminum:		
		pH at time of sampling:			Chromium:		
		pH at time of analysis:		7.85	Copper:		
		pH used in Calculation:		7.85	Lead:		
					Manganese:	0.600	0.02
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ *2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.65	17.80	-0.92	0.00	-0.99	0.00	-0.82	0.00	1.77	0.35	0.1
100	0	0.74	22.34	-0.93	0.00	-0.93	0.00	-0.82	0.00	1.62	0.35	0.14
120	0	0.83	27.22	-0.92	0.00	-0.85	0.00	-0.80	0.00	1.50	0.35	0.2
140	0	0.92	33.16	-0.91	0.00	-0.74	0.00	-0.77	0.00	1.40	0.35	0.27

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO₂ pressure is actually the calculated CO₂ fugacity. It is usually nearly the same as the CO₂ partial pressure.

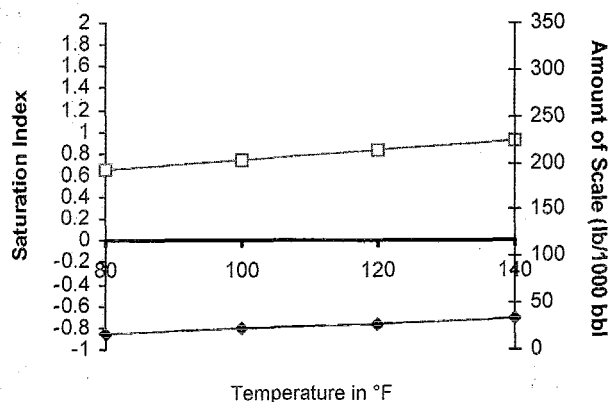
Altman C

3 of 3

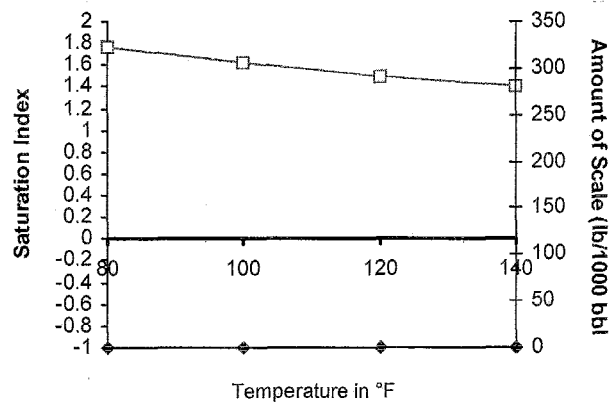
Scale Predictions from Baker Petrolite

Analysis of Sample 409364 @ 75 °F for NEWFIELD EXPLORATION, 01/25/08

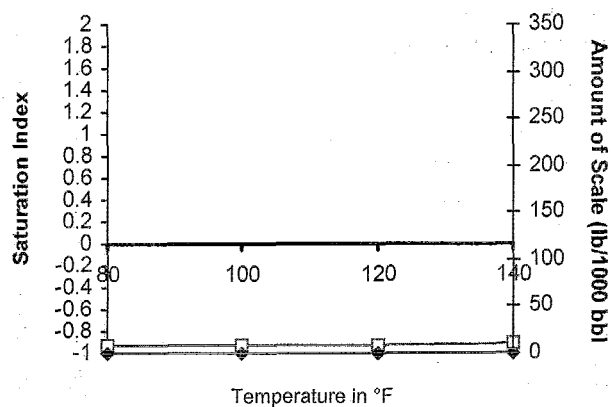
Calcite - CaCO_3



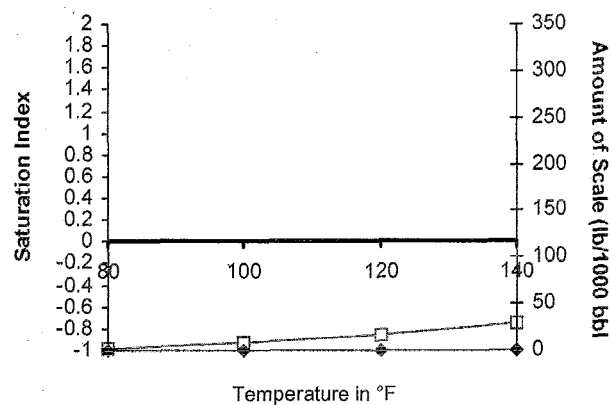
Barite - BaSO_4



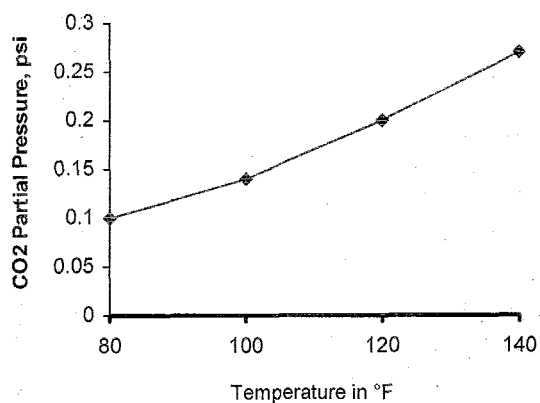
Gypsum - $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$



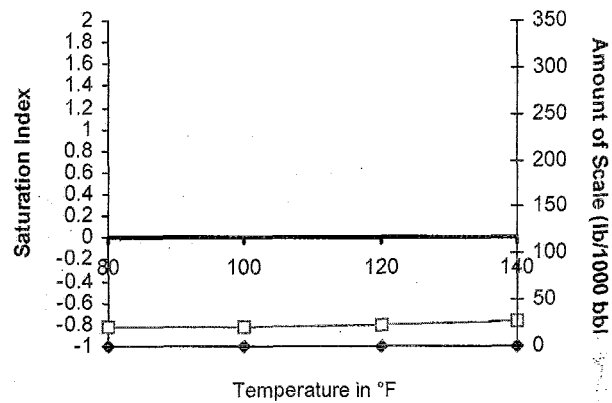
Anhydrite - CaSO_4



Carbon Dioxide Partial Pressure



Celestite - SrSO_4



Attachment "G"

**Jonah Federal 15-15-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5678	5722	5700	2050	0.79	2013
5481	5494	5488	1900	0.78	1864
4978	4983	4981	2150	0.86	2118
4818	4835	4827	1850	0.82	1819
4646	4657	4652	2300	0.93	2270
4186	4190	4188	2650	1.07	2623
4053	4059	4056	1900	0.90	1874
				Minimum	<u>1819</u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

NEWFIELD



Attachment 9-1
1 of 12

DAILY COMPLETION REPORT

WELL NAME: Jonah 15-15-9-16 **Report Date:** 1-28-06 **Day:** 01
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' **Prod Csg:** 5-1/2" @ 5874' **Csg PBTD:** 5792'WL
Tbg: Size: Wt: **Grd:** Pkr/EOT @: **BP/Sand PBTD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
			CP4 sds	5678-5685'	4/28
			CP5 sds	5716-5722'	4/24

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Jan-06 **SITP:** **SICP:** 0

Instal 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5792' & cement top @ 130'. Perforate stage #1, CP5 sds @ 5716-5722' & CP4 sds @ 5678-5685' w/ 4" Port guns (19 gram, .46"HE. 120°) w/ 4 spf for total of 52 shots. 138 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 138 **Starting oil rec to date:**
Fluid lost/recovered today: 0 **Oil lost/recovered today:**
Ending fluid to be recovered: 138 **Cum oil recovered:**
IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure or Equipment detail:

COSTS

Weatherford BOP	\$1,140
NPC NU crew	\$300
NDSI trucking	\$800
Perforators LLC	\$5,817
Drilling cost	\$295,152
D&M Hot Oil	\$375
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
NPC Supervisor	\$300

Max TP: **Max Rate:** **Total fluid pmpd:**
Avg TP: **Avg Rate:** **Total Prop pmpd:**
ISIP: **5 min:** **10 min:** **FG:**
Completion Supervisor: Ron Shuck

DAILY COST: \$309,884
TOTAL WELL COST: \$309,884

NEWFIELD



DAILY COMPLETION REPORT

Attachment 6-1
2 of 12

WELL NAME: Jonah 15-15-9-16 **Report Date:** 1-Feb-06 **Day:** 2a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' **Prod Csg:** 5-1/2" @ 5874' **Csg PBTD:** 5792'WL
Tbg: Size: Wt: **Grd:** Pkr/EOT @: **BP/Sand PBTD:**

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
			CP4 sds	5678-5685'	4/28
			CP5 sds	5716-5722'	4/24

CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-Jan-06 **SITP:** SICP: 15 psi

Day 2a.

RU BJ's "Ram head". RU BJ Services. 15 psi on well. Frac CP4&5 sds w/ 30,113#'s of 20/40 sand in 388 bbls of Lightning 17 fluid. Broke @ 2539 psi. Treated w/ ave pressure of 1859 psi @ ave rate of 25.2 BPM. ISIP 2050 psi. Leave pressure on well. 526 BWTR. **See Day 2b.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 138 **Starting oil rec to date:**
Fluid lost/recovered today: 388 **Oil lost/recovered today:**
Ending fluid to be recovered: 526 **Cum oil recovered:**
IFL: FFL: FTP: **Choke:** Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services

Procedure or Equipment detail: CP4&5 sands

504 gals to breakdown & get crosslink.

3000 gals of pad

2319 gals W/ 1-4 ppg of 20/40 sand

4845 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 5141 gals of slick water

COSTS

BJ Services-CP4&5 \$19,880
NPC/Betts frac wtr \$579
NPC fuel gas \$800
Weatherford tools/serv \$950
NPC Supervisor \$60
NPC trucking \$400

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2080 **Max Rate:** 25.7 BPM **Total fluid pmpd:** 388 bbls
Avg TP: 1859 **Avg Rate:** 25.1 BPM **Total Prop pmpd:** 30,113#'s
ISIP: 2050 **5 min:** 10 min: **FG:** .79

Completion Supervisor: Orson Barney

DAILY COST: \$22,669

TOTAL WELL COST: \$332,553

NEWFIELD



DAILY COMPLETION REPORT

Attch. 6-1
3 of 12

WELL NAME: Jonah 15-15-9-16 **Report Date:** 1-Feb-06 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' **@** 324' **Prod Csg:** 5-1/2" **@** 5874' **Csg PBTD:** 5792'WL
Tbg: **Size:** **Wt:** **Grd:** **Pkr/EOT @:** **BP/Sand PBTD:** 5600'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP2 sds	5481- 5494'	4/52
			CP4 sds	5678-5685'	4/28
			CP5 sds	5716-5722'	4/24

CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-Jan-06 **SITP:** **SICP:** 1584 psi

Day 2b.

RU Lone Wolf WLT, Crane & lubricator. RIH w/ Weatherford 5 1/2" composite flow through plug & 13' (3 1/8") perf gun. Set plug @ 5600'. Perforated CP2 sds @ 5481- 94'. All 4 SPF for a total of 52 holes. RU BJ Services. 1584 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Services. Frac CP2 sds w/ 50,320#'s of 20/40 sand in 436 bbls of Lightning 17 fluid. Broke @ 4193 psi. Treated w/ ave pressure of 1616 psi @ ave rate of 25.2 BPM. ISIP 1900 psi. Leave pressure on well. 962 BWTR. See Day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 526 **Starting oil rec to date:**
Fluid lost/recovered today: 436 **Oil lost/recovered today:**
Ending fluid to be recovered: 962 **Cum oil recovered:**
IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: CP2 sands

3800 gals of pad

2625 gals W/ 1-5 ppg of 20/40 sand

5250 gals W/ 5-8 ppg of 20/40 sand

1240 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4872 gals of slick water

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 1895 **Max Rate:** 25.6 BPM **Total fluid pmpd:** 436 bbls

Avg TP: 1616 **Avg Rate:** 25.1 BPM **Total Prop pmpd:** 50,320#'s

ISIP: 1900 **5 min:** **10 min:** **FG:** .78

Completion Supervisor: Orson Barney

COSTS

BJ Services-CP2	\$14,343
NPC/Betts frac wtr	\$999
NPC fuel gas	\$395
Weatherford tools/serv	\$2,450
NPC Supervisor	\$60
Lone Wolf WL	\$4,686

DAILY COST: \$22,933

TOTAL WELL COST: \$355,486

NEWFIELD



DAILY COMPLETION REPORT

Altman. 4-1
4 of 12

WELL NAME: Jonah 15-15-9-16 **Report Date:** 1-Feb-06 **Day:** 2c
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' **Prod Csg:** 5-1/2" @ 5874' **Csg PBTD:** 5792'WL
Tbg: Size: Wt: **Grd:** Pkr/EOT @: **BP/Sand PBTD:** 5085'
BP: 5600'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	4978- 4983'	4/20
			CP2 sds	5481- 5494'	4/52
			CP4 sds	5678-5685'	4/28
			CP5 sds	5716-5722'	4/24

CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-Jan-06 **SITP:** SICP: 1368 psi

Day 2c.

RU Lone Wolf WLT, Crane & lubricator. RIH w/ Weatherford 5 1/2" composite flow through plug & 5' (3 1/8") perf gun. Set plug @ 5085'. Perforated A1 sds @ 4978- 83'. All 4 SPF for a total of 20 holes. RU BJ Services. 1368 psi on well. Frac A1 sds w/ 19,771#'s of 20/40 sand in 295 bbls of Lightning 17 fluid. Broke @ 4026 psi. Treated w/ ave pressure of 2420 psi @ ave rate of 25.3 BPM. ISIP 2150 psi. Leave pressure on well. 1257 BWTR. **See Day 2d.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 962 **Starting oil rec to date:**
Fluid lost/recovered today: 295 **Oil lost/recovered today:**
Ending fluid to be recovered: 1257 **Cum oil recovered:**
IFL: FFL: **FTP:** Choke: **Final Fluid Rate:** Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services

Procedure or Equipment detail: A1 sands

714 gals to breakdown & get crosslink.
2000 gals of pad
1511 gals W/ 1-4 ppg of 20/40 sand
3209 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4452 gals of slick water

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2590 **Max Rate:** 25.5 BPM **Total fluid pmpd:** 295 bbls
Avg TP: 2420 **Avg Rate:** 25.1 BPM **Total Prop pmpd:** 19,771#'s
ISIP: 2150 **5 min:** 10 min: **FG:** .86

Completion Supervisor: Orson Barney

COSTS

BJ Services-A1 \$9,405
NPC/Betts frac wtr \$395
NPC fuel gas \$60
Weatherford tools/serv \$2,450
NPC Supervisor \$60
Lone Wolf WL \$1,803

DAILY COST: \$14,173

TOTAL WELL COST: \$369,659

NEWFIELD



DAILY COMPLETION REPORT

ATHW. 4-1

S of 12

WELL NAME: Jonah 15-15-9-16 Report Date: 1-Feb-06 Day: 2d
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5874' Csg PBTD: 5792'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4940'
BP: 5085', 5600'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	4978- 4983'	4/20
			CP2 sds	5481- 5494'	4/52
			CP4 sds	5678-5685'	4/28
			CP5 sds	5716-5722'	4/24
B2 sds	4818- 4823'	4/20			
B2 sds	4830- 4835'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-Jan-06 SITP: SICP: 1783 psi

Day 2d.

RU Lone Wolf WLT, Crane & lubricator. RIH w/ Weatherford 5 1/2" composite flow through plug, 5' & 5' (3 1/8") perf gun. Set plug @ 4940'. Perforated B2 sds @ 4830- 35', 4818- 23'. All 4 SPF for a total of 40 holes. RU BJ Services. 1783 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Services. Frac B2 sds w/ 25,033#'s of 20/40 sand in 331 bbls of Lightning 17 fluid. Broke @ 3598 psi. Treated w/ ave pressure of 1958 psi @ ave rate of 25 BPM. ISIP 1850 psi. Leave pressure on well. 1588 BWTR. See Day 2e.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1257 Starting oil rec to date:
Fluid lost/recovered today: 331 Oil lost/recovered today:
Ending fluid to be recovered: 1588 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
Company: BJ Services

Procedure or Equipment detail: B2 sands
714 gals to breakdown & get crosslink.
2500 gals of pad
1915 gals W/ 1-4 ppg of 20/40 sand
3968 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4284 gals of slick water

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2156 Max Rate: 25.3 BPM Total fluid pmpd: 331 bbls
Avg TP: 1958 Avg Rate: 25.1 BPM Total Prop pmpd: 25,033#'s
ISIP: 1850 5 min: 10 min: FG: .82
Completion Supervisor: Orson Barney

COSTS

BJ Services-B2 \$18,850
NPC/Betts frac wtr \$526
NPC fuel gas \$80
Weatherford tools/serv \$2,450
NPC Supervisor \$60
Lone Wolf WL \$3,605

DAILY COST: \$25,571
TOTAL WELL COST: \$395,230

NEWFIELD



DAILY COMPLETION REPORT

Attn. G-1

6 of 12

WELL NAME: Jonah 15-15-9-16 **Report Date:** 1-Feb-06 **Day:** 2e
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' **Prod Csg:** 5-1/2" @ 5874' **Csg PBTD:** 5792'WL
Tbg: Size: Wt: **Grd:** Pkr/EOT @: **BP/Sand PBTD:** 4300'
BP: 4765', 4940', 5085', 5600'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	4978- 4983'	4/20
PB7 sds	4186- 4190'	4/16	CP2 sds	5481- 5494'	4/52
D3 sds	4646- 4657'	4/44	CP4 sds	5678-5685'	4/28
C sds	4700- 4708'	4/32	CP5 sds	5716-5722'	4/24
B2 sds	4818- 4823'	4/20			
B2 sds	4830- 4835'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-Jan-06 **SITP:** SICP: 1380 psi

Day 2e. RU Lone Wolf WLT, Crane & lubricator. RIH w/ Weatherford 5 1/2" composite flow through plug, 8' & 11' (3 1/8") perf gun. Set plug @ 4765'. Perforated C sds @ 4700- 08', D3 sds @ 4646- 57'. All 4 SPF for a total of 76 holes. RU BJ Services. 1380 psi on well. Frac C & D3 sds w/ 98,438#'s of 20/40 sand in 701 bbls of Lightning 17 fluid. Broke @ 2959 psi. Treated w/ ave pressure of 2161 psi @ ave rate of 25.1 BPM. ISIP 2300 psi. RU Lone Wolf WLT, Crane & lubricator. RIH w/ Weatherford 5 1/2" composite flow through plug & 4' (3 1/8") perf gun. Set plug @ 4300'. Perforated PB7 sds @ 4186- 90'. All 4 SPF for a total of 16 holes. RU BJ Services. Pressure up to 4200 psi. Would not breakdown. RU Lone Wolf WL & dump bail acid. Leave pressure on well. SIWFN w/ 2289 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1588 **Starting oil rec to date:**
Fluid lost/recovered today: 701 **Oil lost/recovered today:**
Ending fluid to be recovered: 2289 **Cum oil recovered:**
IFL: FFL: FTP: **Choke:** Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: C & D3 sands

COSTS

BJ Services-C&D3	\$23,391
NPC/Betts frac wtr	\$1,998
NPC fuel gas	\$304
Weatherford tools/serv	\$2,450
NPC Supervisor	\$60
Lone Wolf WL	\$6,849

7500 gals of pad

5000 gals W/ 1-5 ppg of 20/40 sand

10000 gals W/ 5-8 ppg of 20/40 sand

2343 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4074 gals of slick water

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2531 **Max Rate:** 25.5 BPM **Total fluid pmpd:** 701 bbls

Avg TP: 2161 **Avg Rate:** 25.1 BPM **Total Prop pmpd:** 98,438#'s

ISIP: 2300 **5 min:** 10 min: **FG:** .92

Completion Supervisor: Orson Barney

DAILY COST: \$35,052

TOTAL WELL COST: \$430,282

NEWFIELD



DAILY COMPLETION REPORT

A Hm. 4-1
7 of 12

WELL NAME: Jonah 15-15-9-16 **Report Date:** 2-Feb-06 **Day:** 3a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' **Prod Csg:** 5-1/2" @ 5874' **Csg PBTD:** 5792'WL
Tbg: Size: Wt: **Grd:** Pkr/EOT @: **BP/Sand PBTD:** 4300'
BP: 4765', 4940', 5085', 5600'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB7 sds	4186- 4190'	4/16	A1 sds	4978- 4983'	4/20
D3 sds	4646- 4657'	4/44	CP2 sds	5481- 5494'	4/52
C sds	4700- 4708'	4/32	CP4 sds	5678-5685'	4/28
B2 sds	4818- 4823'	4/20	CP5 sds	5716-5722'	4/24
B2 sds	4830- 4835'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 01-Feb-06 **SITP:** SICP: 764 psi

Day 3a.

RU BJ Services. 764 psi on well. Frac PB7 sds sds w/ 19,753#'s of 20/40 sand in 267 bbls of Lightning 17 fluid. Broke @ 3883 psi. Treated w/ ave pressure of 2643 psi @ ave rate of 24.8 BPM. ISIP 2650 psi. Leave pressure on well. 2556 BWTR. **See Day 3b.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2289 **Starting oil rec to date:**
Fluid lost/recovered today: 267 **Oil lost/recovered today:**
Ending fluid to be recovered: 2556 **Cum oil recovered:**
IFL: FFL: **FTP:** Choke: **Final Fluid Rate:** Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: PB7 sands
462 gals to breakdown & get crosslink.
2000 gals of pad
1511 gals W/ 1-4 ppg of 20/40 sand
3083 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 3654 gals of slick water

COSTS

BJ Services-C&D3 \$9,405
NPC/Betts frac wtr \$395
NPC fuel gas \$60
Weatherford tools/serv \$2,450
NPC Supervisor \$150
Lone Wolf WL \$1,442

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2715 **Max Rate:** 25.2 BPM **Total fluid pmpd:** 267 bbls
Avg TP: 2643 **Avg Rate:** 25.1 BPM **Total Prop pmpd:** 19,753#'s
ISIP: 2650 **5 min:** 10 min: **FG:** 1.07

Completion Supervisor: Orson Barney

DAILY COST: \$13,902

TOTAL WELL COST: \$444,184

NEWFIELD



DAILY COMPLETION REPORT

Drum: 6-1

8 of 12

WELL NAME: Jonah 15-15-9-16 **Report Date:** 2-Feb-06 **Day:** 3b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' **Prod Csg:** 5-1/2" @ 5874' **Csg PBTD:** 5792'WL
Tbg: Size: Wt: **Grd:** Pkr/EOT @: **BP/Sand PBTD:** 4110'
BP: 4300', 4765', 4940', 5085', 5600'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4053- 4059'	4/24	A1 sds	4978- 4983'	4/20
PB7 sds	4186- 4190'	4/16	CP2 sds	5481- 5494'	4/52
D3 sds	4646- 4657'	4/44	CP4 sds	5678-5685'	4/28
C sds	4700- 4708'	4/32	CP5 sds	5716-5722'	4/24
B2 sds	4818- 4823'	4/20			
B2 sds	4830- 4835'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 01-Feb-06 **SITP:** SICP: 1674 psi

Day 3b.

RU Lone Wolf WL. RIH w/ Weatherford 5 1/2" composite flowthrough plug & 6' (3 1/8") perf gun. Set plug @ 4110'. Perforate GB6 sds @ 4053- 59'. All 4 SPF for a total of 24 holes. RU BJ Services. 1674 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Services. Frac GB6 sds w/ 17,961#'s of 20/40 sand in 262 bbls of Lightning 17 fluid. Broke @ 3386 psi. Treated w/ ave pressure of 2240 psi @ ave rate of 25 BPM. ISIP 1900 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 3 hrs & died. Rec. 148 BTF(6% of total frac load). SIWFN w/ 2670 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2556 **Starting oil rec to date:**
Fluid lost/recovered today: 114 **Oil lost/recovered today:**
Ending fluid to be recovered: 2670 **Cum oil recovered:**
IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services

Procedure or Equipment detail: GB6 sands

462 gals to breakdown & get crosslink.

2000 gals of pad

1511 gals W/ 1-4 ppg of 20/40 sand

2915 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 3948 gals of slick water

COSTS

BJ Services-GB6	\$4,922
NPC/Betts frac wtr	\$395
NPC fuel gas	\$60
Weatherford tools/serv	\$2,450
NPC Supervisor	\$150
Lone Wolf WL	\$5,141

Max TP: 2425 **Max Rate:** 25.2 BPM **Total fluid pmpd:** 262 bbls
Avg TP: 2240 **Avg Rate:** 25 BPM **Total Prop pmpd:** 17,961#'s
ISIP: 1900 **5 min:** **10 min:** **FG:** .90

Completion Supervisor: Orson Barney

DAILY COST: \$13,118
TOTAL WELL COST: \$457,302

NEWFIELD



DAILY COMPLETION REPORT

WELL NAME: Jonah 15-15-9-16

Report Date: Feb. 3, 2006

Day: 04

Operation: Completion

Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5874' Csg PBTD: 5792'WL
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 3974' BP/Sand PBTD: 4110'
BP: 4300', 4765', 4940', 5085', 5600'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4053- 4059'	4/24	A1 sds	4978- 4983'	4/20
PB7 sds	4186- 4190'	4/16	CP2 sds	5481- 5494'	4/52
D3 sds	4646- 4657'	4/44	CP4 sds	5678-5685'	4/28
C sds	4700- 4708'	4/32	CP5 sds	5716-5722'	4/24
B2 sds	4818- 4823'	4/20			
B2 sds	4830- 4835'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 2, 2006

SITP: 50 SICP: 50

MIRU NC #1. Thaw wellhead & BOP W/ HO truck. Bleed pressure off well. Rec est 15 BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 4076'. Tbg displaced est 10 BTF on TIH. Pull EOT to 3974'. RU drlg equipment. SIFN W/ est 2645 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2670 Starting oil rec to date: _____
Fluid lost/recovered today: 25 Oil lost/recovered today: _____
Ending fluid to be recovered: 2645 Cum oil recovered: _____
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail: _____

COSTS

NC #1 rig	\$2,201
Weatherford BOP	\$140
Unichem chemicals	\$300
NDSI trucking	\$1,000
Zubiate trucking	\$800
NPC trucking	\$300
NDSI wtr & truck	\$400
Aztec - new J55 tbg	\$29,276
Zubiate HO truck	\$200
NPC sfc equipment	\$130,000
NPC labor & welding	\$10,500
Mt. West sanitation	\$550
NPC supervision	\$300
DAILY COST:	\$175,967
TOTAL WELL COST:	\$633,269

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____
Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____
ISIP: _____ 5 min: _____ 10 min: _____ FG: _____
Completion Supervisor: Gary Dietz

NEWFIELD



DAILY COMPLETION REPORT

WELL NAME: Jonah 15-15-9-16 Report Date: Feb. 4, 2006 Day: 05
 Operation: Completion Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8" @ 324' Prod Csg: 5-1/2" @ 5874' Csg PBTD: 5829'
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5730' BP/Sand PBTD: 5829'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4053- 4059'	4/24	A1 sds	4978- 4983'	4/20
PB7 sds	4186- 4190'	4/16	CP2 sds	5481- 5494'	4/52
D3 sds	4646- 4657'	4/44	CP4 sds	5678-5685'	4/28
C sds	4700- 4708'	4/32	CP5 sds	5716-5722'	4/24
B2 sds	4818- 4823'	4/20			
B2 sds	4830- 4835'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 3, 2006 SITP: 25 SICP: 25

Thaw wellhead, BOP & tbg stump W/ HO truck. Bleed pressure off well. Rec est 5 BTF. TIH W/ bit & tbg f/ 3974'. Tag fill @ 4076'. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4076', plug @ 4110' in 30 minutes; sd @ 4240', plug @ 4300' in 28 minutes; sd @ 4645', plug @ 4765' in 30 minutes; sd @ 4935', plug @ 4940' in 30 minutes; sd @ 5065', plug @ 5085' in 35 minutes; sd @ 5585', plug @ 5600' in 25 minutes. Con't swivelling jts in hole. Tag fill @ 5716'. Drill plug remains & sd to PBTD @ 5829'. Circ hole clean. Gained est 65 BTF during cleanout. RD swivel. Pull EOT to 5730'. SIFN W/ est 2575 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2645 Starting oil rec to date: _____
 Fluid lost/recovered today: 70 Oil lost/recovered today: _____
 Ending fluid to be recovered: 2575 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____
 Company: _____
 Procedure or Equipment detail: _____

COSTS

NC #1 rig	\$4,963
Weatherford BOP	\$140
NPC trucking	\$300
Weatherford swivel	\$750
Zubiate HO truck	\$200
Monks pit reclaim	\$1,800
NPC location cleanup	\$300
NDSI wtr disposal	\$3,000
CDI TA	\$525
CDI SN	\$80
NPC supervision	\$300

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____
 Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____
 ISIP: _____ 5 min: _____ 10 min: _____ FG: _____
 Completion Supervisor: Gary Dietz

DAILY COST: \$12,358
 TOTAL WELL COST: \$645,627

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WELL NAME: Jonah 15-15-9-16 Report Date: Feb. 7, 2006 Day: 06
Operation: Completion Rig: NC #1

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5874' Csg PBDT: 5829'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Anchor @: 5638' BP/Sand PBDT: 5829'

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB6 sds	4053- 4059'	4/24	A1 sds	4978- 4983'	4/20
PB7 sds	4186- 4190'	4/16	CP2 sds	5481- 5494'	4/52
D3 sds	4646- 4657'	4/44	CP4 sds	5678-5685'	4/28
C sds	4700- 4708'	4/32	CP5 sds	5716-5722'	4/24
B2 sds	4818- 4823'	4/20			
B2 sds	4830- 4835'	4/20			

Date Work Performed: Feb. 6, 2006 SITP: 25 SICP: 25

Thaw wellhead, BOP & tbg stump W/ HO truck. Bleed pressure off well. Rec est 5 BTF. RU swab equipment. IFL @ sfc. Made 17 swb runs rec 197 BTF W/ light gas & 3% FOC. Made tr sd on early runs, fairly clean @ end. FFL @ 1300'. TIH W/ tbg. Tag sd @ 5817' (12' new fill). C/O sd to PBTD @ 5829'. Circ hole clean. Lost est 65 BW & rec 10 BO. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 173 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5638' W/ SN @ 5674' & EOT @ 5740'. Land tbg W/ 15,000# tension. NU wellhead. SIFN W/ est 2438 BWTR.

Starting fluid load to be recovered:	2575	Starting oil rec to date:	0
Fluid lost/ <u>recovered</u> today:	137	Oil lost/ <u>recovered</u> today:	10
Ending fluid to be recovered:	2438	Cum oil recovered:	10
IFL: sfc FFL: 1300' FTP:		Choke:	Final Fluid Rate:
			Final oil cut: 3%

		NC #1 rig	\$4,346
KB	12.00'	Weatherford BOP	\$140
173	2 7/8 J-55 tbg (5626.46')	Zubiate HO truck	\$200
	TA (2.80' @ 5638.46' KB)	NPC trucking	\$300
1	2 7/8 J-55 tbg (32.53')	NPC supervision	\$300
	SN (1.10' @ 5673.79' KB)		
2	2 7/8 J-55 tbg (65.03')		
	2 7/8 NC (.45')		
EOT	5740.37' W/ 12' KB		

TOTAL WELL COST: \$650,913

Completion Supervisor: Gary Dietz

NEWFIELD



DAILY COMPLETION REPORT

Attch. 4-1

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WELL NAME: Jonah 15-15-9-16 Report Date: Feb. 8, 2006 Day: 07
 Operation: Completion Rig: NC #1

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5874' Csg PBTD: 5829'
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Anchor @: 5638' BP/Sand PBTD: 5829'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4053- 4059'	4/24	A1 sds	4978- 4983'	4/20
PB7 sds	4186- 4190'	4/16	CP2 sds	5481- 5494'	4/52
D3 sds	4646- 4657'	4/44	CP4 sds	5678-5685'	4/28
C sds	4700- 4708'	4/32	CP5 sds	5716-5722'	4/24
B2 sds	4818- 4823'	4/20			
B2 sds	4830- 4835'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 7, 2006 SITP: 0 SICP: 0

Thaw wellhead W/ HO truck. PU & TIH W/ pump & "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 15.5' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 111-3/4" plain rods, 99-3/4" scraped rods, 1-8' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 2438 BWTR.

Place well on production @ 11:30 AM 2/7/2006 W/ 86" SL @ 5.5 SPM.

FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2438 Starting oil rec to date: 10
 Fluid lost/recovered today: 0 Oil lost/recovered today: 0
 Ending fluid to be recovered: 2438 Cum oil recovered: 10
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

COSTS

KB 12.00'	1 1/2" X 22' polished rod	NC #1 rig	\$2,497
173 2 7/8 J-55 tbg (5626.46')	1-8' & 1-2' X 3/4" pony rods	Zubiate HO truck	\$937
TA (2.80' @ 5638.46' KB)	99-3/4" scraped rods	CDI rod pump	\$1,325
1 2 7/8 J-55 tbg (32.53')	111-3/4" plain rods	"A" grade rod string	\$11,456
SN (1.10' @ 5673.79' KB)	10-3/4" scraped rods	NPC frac tks(8X6 dys)	\$1,920
2 2 7/8 J-55 tbg (65.03')	6-1 1/2" weight rods	NPC swb tk (4 days)	\$160
2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 15.5'	NPC frac head	\$500
EOT 5740.37' W/ 12' KB	RHAC pump W/ SM plunger	NPC supervision	\$300

DAILY COST: \$19,095

TOTAL WELL COST: \$670,008

Completion Supervisor: Gary Dietz

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3958'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. Plug #3 Pump 43 sx Class G Cement down 5 -1/2" casing to 373'

The approximate cost to plug and abandon this well is \$35,401.

Attachment H1-1

Jonah 15-15-9-16

Spud Date: 01/07/06
Put on Production: 02/07/06
GL: 5758' KB: 5770'

Initial Production: BOPD,
MCFD, BWPB

Projected P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.55')
DEPTH LANDED: 323.40' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

CEMENT TOP @ 130

Pump 43 sxs Class G Cement down 5 -1/2" casing to 373'

Casing Shoe @ 323'

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5874.99')
DEPTH LANDED: 5874.24' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP @ 130

200' Balanced Plug (25 sxs) Class G Cement over water zone 2000' - 2200'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 173 jts (5626.46')
TUBING ANCHOR: 5638.46'
NO. OF JOINTS: 1 jts (32.53')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5673.79'
NO. OF JOINTS: 2 jts (65.03')
TOTAL STRING LENGTH: EOT @ 5740.37'

100' (12 sxs) Class G Cement plug on top of CIBP

CIBP @ 3958'

4053-4059'

4186-4190'

4646-4657'

4700-4708'

4818-4823'

4830-4835'

4978-4983'

5481-5494'

5678-5685'

5716-5722'

PBTD @ 5824'

TD @ 5885'

NEWFIELD

Jonah 15-15-9-16

421' FSL & 1864' FEL

SW/SE Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-32753; Lease #UTU-17985

Form 3160-3
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0186
Expires January 31, 20045. Lease Serial No.
UTU-0179856. If Indian, Allottee or Tribe Name
N/A7. If Unit or CA Agreement Name and No.
N/A8. Lease Name and Well No.
Jonah Federal 15-15-9-16

9. API Well No.

1a. Type of Work: ☒ DRILL ☐ REENTER1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone2. Name of Operator
Newfield Production Company3a. Address
Route #3 Box 3630, Myton UT 840523b. Phone No. (include area code)
(435) 646-372110. Field and Pool, or Exploratory
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements.)

At surface SW/SE 421' PSL 1884' FBL

At proposed prod. zone

11. Sec., T., R., M., or Bk. and Survey or Area

SW/SE Sec. 15, T9S R10E

14. Distance in miles and direction from nearest town or post office*

Approximately 24.8 miles southwest of Myton, Utah

12. County or Parish

Duchesne

13. State

UT

15. Distance from proposed
location to nearest
property or lease line, ft.

(Also to nearest drg. unit line, if any) Approx. 421' PSL, 421' FBL

16. No. of Acres in lease

560.00

17. Spacing Unit dedicated to this well

40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

Approx. 1,420'

19. Proposed Depth

5940'

20. BLM/BIA Bond No., on file

UTU0086

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5758' GL

22. Approximate date work will start*

1st Quarter 2005

23. Estimated duration

Approximately 90 days (if days from start to stop release)

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Name (Printed/Typed)

Mandie Crozier

Date

1/20/05

Title

Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

Date

Title

Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* (Instructions on reverse)

RECEIVED

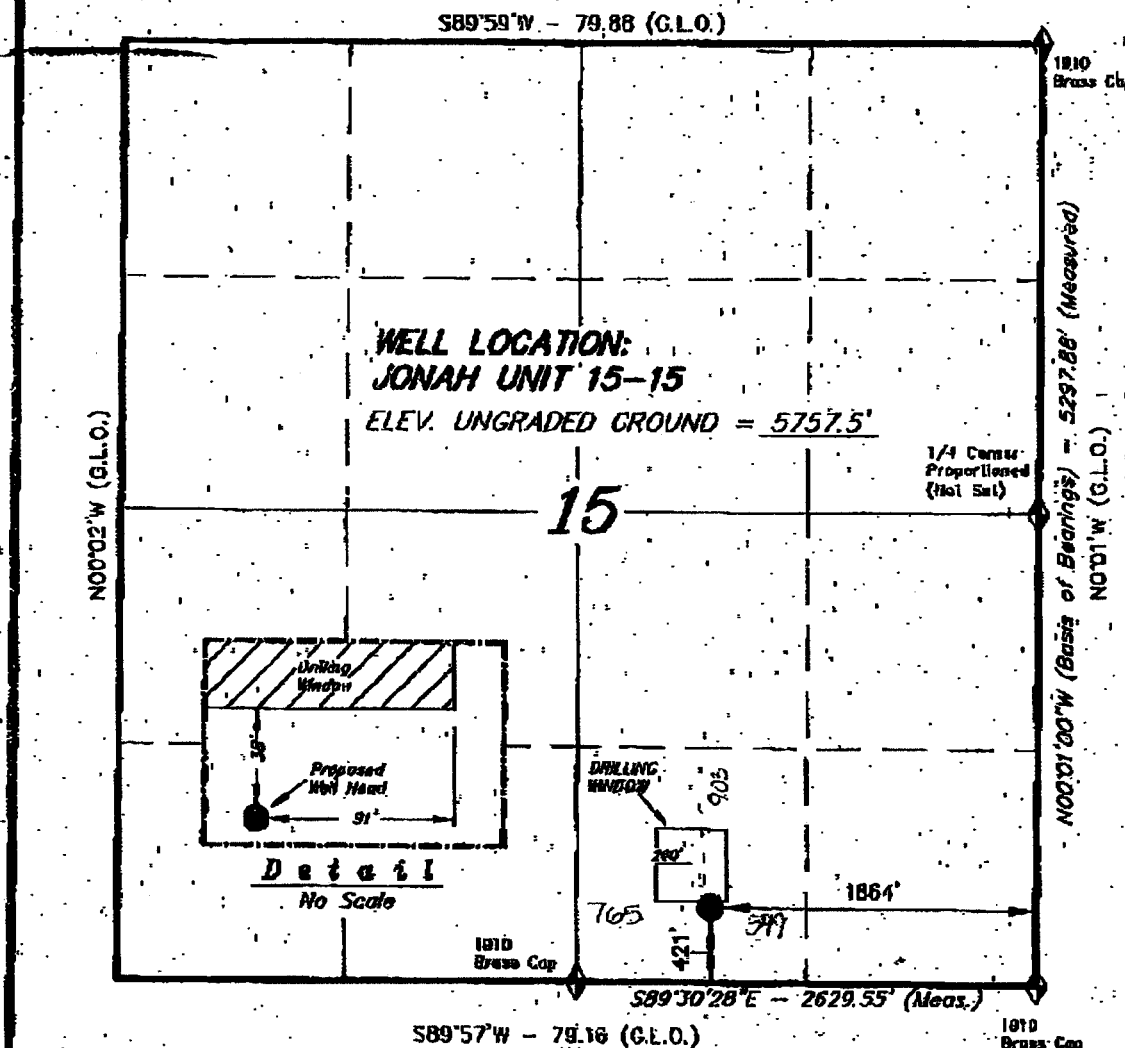
MAY 02 2005

DIV. OF OIL, GAS & MINING

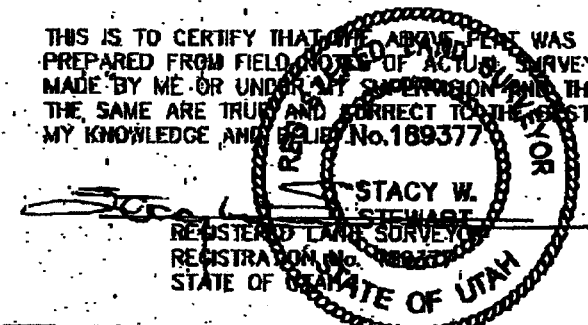
T9S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 15-15,
LOCATED AS SHOWN IN THE SW 1/4 SE
1/4 OF SECTION 15, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PERT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF No.189377



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 9-3-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

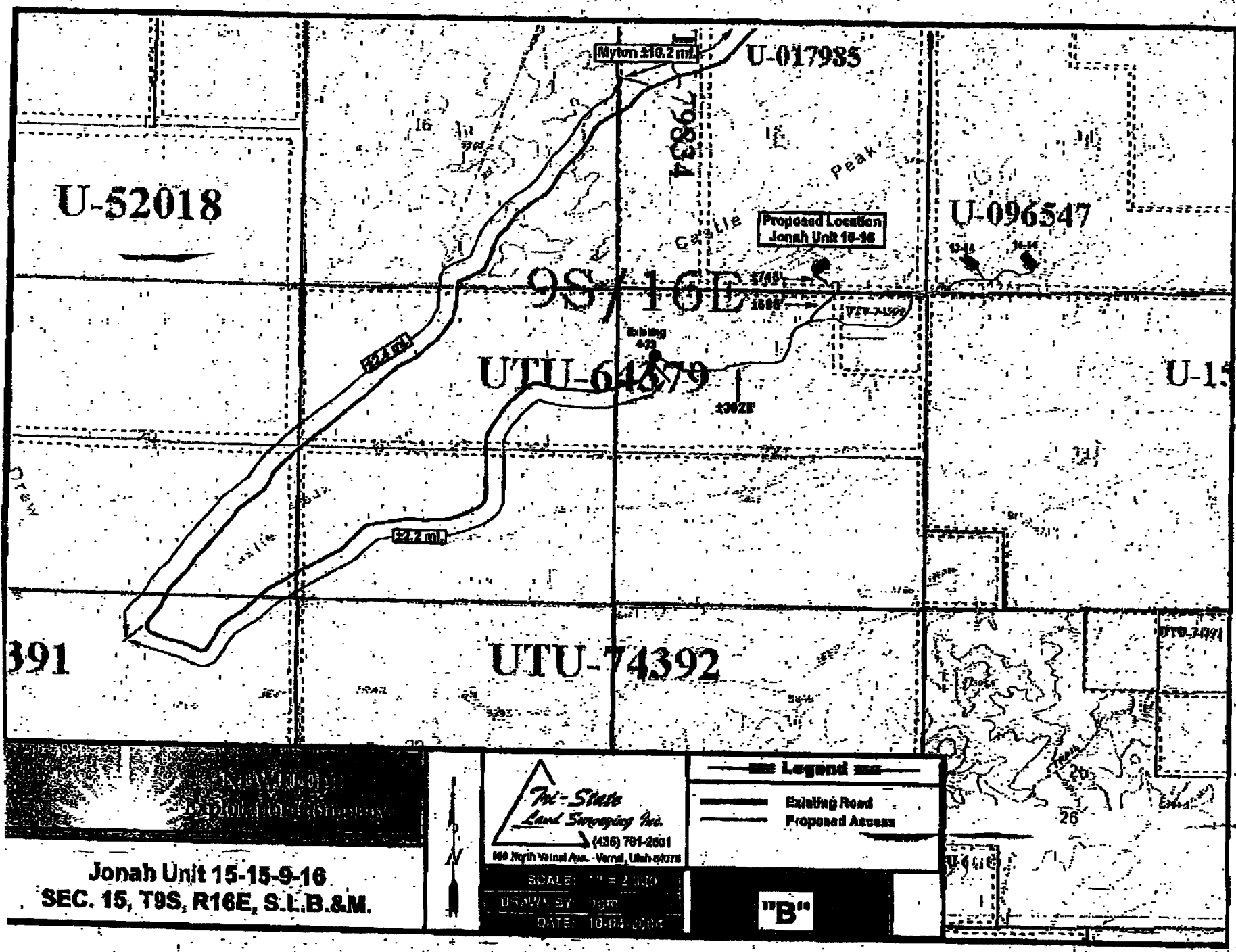
BASIS OF ELEV; U.S.G.S. 7-1/2 min. QUAD (MYTON SE)

04/22/2005 13:40
01/26/2005 13:40

3038930103
435884151

NEWFIELD ROCKY MTS

PAGE 13/19



Jonah Unit 15-15-9-16
 SEC. 15, T9S, R16E, S.L.B.&M.

Mc-State
Land Surveying Inc.
 (435) 781-2801
 160 North Vernd Ave. - Vernd, Utah 84378



May 10, 2005

Utah Division of Oil, Gas & Mining
P.O. Box 145801
Attn: Diana Whitney
Salt Lake City, Utah 84114-5801

Re: Exception Location: Federal 15-15-9-16
421' FSL, 1864' FEL, SWSE Sec 15-T9S-16E
Duschene Cty., Utah; Lease UTU-017985

Dear Ms. Whitney:

Pursuant to Cause Order 228-2 (Jonah Unit) Newfield Production Company, Inc. hereby requests an exception location for the drilling of the captioned well. Cause Order 228-2 requires written consent from all owners within a 460' radius of the proposed well location and also requires that well locations be not less than 920' from one another.

The attached plat depicts the proposed drillsite location and illustrates the deviation from the drilling window. The requested location has been selected due to the extreme terrain.

Please note the location is completely within Federal lease UTU-017985. The drillsite lease is owned by Newfield Production Company. The adjacent acreage in the NWNE of section 22-T9S-R16E (U-64379) is owned by Newfield Production Company and Yates Petroleum Corporation. We have contacted Yates Petroleum Corporation and their consent to this location is attached.

If you have any questions or need additional information please contact me at (303)-382-4448. Thank you for your assistance in this matter.

Sincerely,
NEWFIELD PRODUCTION COMPANY

Laurie Deseau
Properties Administrator

RECEIVED

MAY 13 2005

DIV. OF OIL, GAS & MINING

**State of Utah****Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

May 16, 2005

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Jonah Federal 15-15-9-16 Well, 421' FSL, 1864' FEL, SW SE, Sec. 15,
T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32753.

Sincerely,

Gil Hunt
Acting Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Uintah District Office

Operator: Newfield Production Company
Well Name & Number Jonah Federal 15-15-9-16
API Number: 43-013-32753
Lease: UTU-017985

Location: SW SE **Sec.** 15 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

BLM VERNAL, UTAH

No Nos

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Operator/Company: Newfield Production Co.
Well Name/Number: Jonah Federal 15-15-9-16
API Number: 43-013-32753
Location: SWSE Sec Tship Rng.: 15, T9S, R16E
Lease Number: UTU-017985
Agreement Name (If Applicable): N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware that fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Michael Lee (435) 828-7875
Petroleum Engineer

Matt Baker (435) 828-4470
Petroleum Engineer

BLM FAX Machine (435) 781-4410

Company/Operator: Newfield Production Company
API Number 43-013-32753
Well Name & Number: West Point Federal 15-15-9-16
Lease Number: U- 017985
Location: SWSE Sec. 15 T. 9 S. _____ R. 16 E. _____
Surface Ownership: BLM
Date NOS Received: None
Date APD Received: Jan. 21, 2005

This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eight Mile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.

4 to 6 inches of topsoil shall be stripped from the location and placed where it can most easily be accessed for interim reclamation. Once the well has been converted to water injection, the fill slopes shall be recontoured and the topsoil shall be spread over the entire well location. The well location shall then be seeded with crested wheatgrass (Variety Hycrest) at a 12 lb/acre rate (pure live seed). After seeded has been completed, an access road loop to the well head can be established. The reserve pit will be allowed to stay open until interim reclamation is completed so the entire area can be seeded at the same time. The interim seeding of the well location and reserve pit shall be done by either drilling the seed or by broadcasting the seed and dragging it with a spike tooth harrow.

The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Both the water line and the gas line shall be buried in the same trench. When backfilling the trenches, care should be taken to disturb as little of the vegetation as possible and thus allowing the existing plants to reestablish on their own, however, these disturbed areas should also be seeded with crested wheatgrass at the 12 lb/acre rate to ensure vegetation establishment and to keep invasive weeds to a minimum. All seeding of the pipelines shall be completed using a seed drill.

The temporary gas lines used during the temporary production phase shall be laid on the surface, and then removed once the well is turned to water injection.

No pipeline construction will be allowed when soils are muddy and rutting of soils becomes apparent from the use of vehicles. If rutting occurs, operations must cease until soils are dry or frozen.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: JONAH FED 15-15-9-16

Api No: 43-013-32753 Lease Type: FEDERAL

Section 15 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

SPUDDED:

Date 01/07/06

Time 9:30 AM

How DRY

Drilling will Commence: _____

Reported by JUSTIN CRUM

Telephone # 1-435-823-6733

Date 01/09/2006 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include are code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

421 FSL 1864 FEL

SW/SE Section 15 T9S R16E

5. Lease Serial No.

UTU017985

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 15-15-9-16

9. API Well No.

4301332753

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 1-7-2006 MIRU Ross # 21. Spud well @ 9:30 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.40' KB On 1-8-2006 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 3 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Troy Zufelt

Title

Drilling Foreman

Signature

Date

01/11/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

JAN 13 2006

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.4

LAST CASING 8 5/8" set @ 323.4
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Jonah Federal 15-15-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross # 21

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.56					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	311.55
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.4
TOTAL LENGTH OF STRING		313.4	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			323.4
TOTAL		311.55	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		311.55	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		Spud 1/7/2006	9:30 AM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		1/7/2006	5:00 PM	Bbls CMT CIRC TO SURFACE <u>3</u>			
BEGIN CIRC		1/8/2006	3:40 PM	RECIPROCATED PIPE FOR <u>N/A</u>			
BEGIN PUMP CMT		1/8/2006	4:22 PM				
BEGIN DSPL. CMT		1/8/2006	4:32PM	BUMPED PLUG TO <u>500</u> PSI			
PLUG DOWN		1/8/2006	4:47 PM				

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third for 3			

COMPANY REPRESENTATIVE Troy Zufelt DATE 1/8/2006

JAN 13 2006

RECEIVED

JAN 20 2006

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

DIV. OF OIL, GAS & MINING

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84062

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12417	43-013-32639	LONE TREE FEDERAL 1-20-8-17	NENE	20	9S	17E	DUCHESNE	01/10/06	1/26/06
WELL COMMENTS: GRRV - J											
B	99999	11492	43-013-32753	JONAH 15-15-9-18	SWSE	15	9S	16E	DUCHESNE	01/07/06	1/26/06
WELL COMMENTS: GRRV - K											
B	99999	12308	43-013-32445	SANDWASH FEDERAL 13-31-8-17	SWSW	31	8S	17E	DUCHESNE	01/05/06	1/26/06
WELL COMMENTS: GRRV - J											
B	99999	14844	43-047-35972	FEDERAL 11-33-8-18	NESW	33	8S	18E	UTAH	01/06/06	1/26/06
WELL COMMENTS: GRRV Sundance Unit - J											
A	99999	15153	43-013-10822	PAN AMERICAN 1FR-9-16	NNNW	13	9S	16E	DUCHESNE	01/05/06	1/20/06
WELL COMMENTS: GRRV - K											
B	99999	12391	43-013-32796	GREATER BOUNDARY 2A-3-9-17	NENW	3	9S	17E	DUCHESNE	01/07/06	1/26/06
WELL COMMENTS: GRRV - J											

ACTION CODES (See instructions on back of form)

- A - Extract as new entity for new well (single well only)
- B - Add to or well to existing entity (group or single well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Kim Kettle
Signature

Kira Kettle

Production Clerk
Title

January 20, 2006
Date

01/20/2006 14:01

4356463031

INLAND

PAGE 03

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPPLICATE - Other instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
 Newfield Production Company

3a. Address Route 3 Box 3630
 Myton, UT 84052

3b. Phone No. (include area code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 421 FSL 1864 FEL
 SW/SE Section 15 T9S R16E

5. Lease Serial No.
 UTU017985

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.
 JONAH UNIT

8. Well Name and No.
 JONAH FEDERAL 15-15-9-16

9. API Well No.
 4301332753

10. Field and Pool, or Exploratory Area
 Monument Butte


11. County or Parish, State
 Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 1/10/06 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 278'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5885'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 139 jt's of 5.5 J-55, 15.5# csgn. Set @5874.24/ KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 40bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 85,000 #'s tension. Release rig @ 3:00 am 1/16/06.

I hereby certify that the foregoing is true and correct	Title
Name (Printed/ Typed) Don Bastian	Drilling Foreman
Signature 	Date 01/16/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

REC-1

JAN 24 2006

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5874.24

Flt cllr @ 5830.67'

LAST CASING 8 5/8" SET AT 324.40

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Jonah 15-15-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI rig #2

TD DRILLER 5885' Loggers Depth _____

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt					14	
		Short jt 3899' (6.43')						
138	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5830.67	
		Float collar					0.6	
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.32	
		GUIDE shoe			8rd	A	0.65	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				5876.24
TOTAL LENGTH OF STRING		5876.24	139	LESS CUT OFF PIECE				14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		124.92	3	CASING SET DEPTH				5874.24
TOTAL		5985.91	142	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		5985.91	142					
TIMING		1ST STAGE	2nd STAGE					
BEGIN RUN CSG.		5:00pm	1/15/2006	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		7:30pm	1/15/2006	Bbls CMT CIRC TO SURFACE				40
BEGIN CIRC		7:30pm	1/15/2006	RECIPROCATED PIPE FOR				THRUSTROKE
BEGIN PUMP CMT		10:20pm	1/15/2006	DID BACK PRES. VALVE HOLD ?				Yes
BEGIN DSPL. CMT		11:09pm	1/15/2006	BUMPED PLUG TO				2431 PSI
PLUG DOWN		11:35pm	1/15/2006					
CEMENT USED		CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	350	Premite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake						
		mixed @ 11.0 ppg W / 3.43 cf/sk yield						
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD						
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								

COMPANY REPRESENTATIVE Don Bastian

DATE January 14 2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

421 FSL 1864 FEL

SW/SE Section 15 T9S R16E

5. Lease Serial No.

UTU017985

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 15-15-9-16

9. API Well No.

4301332753

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Mandie Crozier

Title

Regulatory Specialist

Signature

Date

02/09/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 18 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

FEB 13 2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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JONAH UNIT

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JONAH FEDERAL 15-15-9-16

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Duchesne, UT

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<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Variance _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Date: 2/14/06

By: [Signature]
Title

Regulatory Specialist

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Mandie Crozier

Signature

Date

02/09/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Title

Date

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Office

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(Instructions on reverse)

FEB 13 2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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435.646.3721

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421 FSL 1864 FEL
SW/SE Section 15 T9S R16E

5. Lease Serial No.

UTU017985

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.
JONAH UNIT

8. Well Name and No.
JONAH FEDERAL 15-15-9-16

9. API Well No.
4301332753

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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Status report for time period 01/27/06 - 02/07/06

Subject well had completion procedures initiated in the Green River formation on 01-27-06 without the use of a service rig over the well. A cement bond log was run and a total of seven Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5716'-5722'), (5678'-5685'); Stage #2 (5481'-5494'); Stage #3 (4978'-4983'); Stage #4 (4830'-4835'), (4818'-4823'); Stage #5 (4700'-4708'), (4646'-4657'); Stage #6 (4186'-4190'); Stage #7 (4053'-4059'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 02-02-2005. Bridge plugs were drilled out and well was cleaned to 5829'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 02-07-2006.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Lana Nebeker

Signature

Title

Production Clerk

Date

02/21/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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Title

Date

Office

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(Instructions on reverse)

RECEIVED

FEB 22 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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3b. Phone (include area code)

435.646.3721

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421 FSL 1864 FEL

SWSE Section 15 T9S R16E

5. Lease Serial No.

UTU-017985

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 15-15-9-16

9. API Well No.

4301332753

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

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<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Eric Sundberg

Signature

Title

Regulatory Analyst

Date

2/28/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. UTU-017985	
1b. TYPE OF WELL		NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
2. NAME OF OPERATOR Newfield Exploration Company		9. WELL NO. 43-013-32753		7. UNIT AGREEMENT NAME Jonah Unit	
3. ADDRESS AND TELEPHONE NO. 1401 17th St. Suite 1000 Denver, CO 80202		10. FIELD AND POOL OR WILDCAT Monument Butte		8. FARM OR LEASE NAME, WELL NO. Jonah Federal 15-15-9-16	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 421' FSL & 1864' FEL (SW/SE) Sec. 15, T9S, R16E At top prod. Interval reported below At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 15, T9S, R16E		12. COUNTY OR PARISH Duchesne	
14. API NO. 43-013-32753		DATE ISSUED 5/16/05		13. STATE UT	
15. DATE SPUDDED 1/7/06	16. DATE T.D. REACHED 1/15/06	17. DATE COMPL. (Ready to prod.) 2/7/06	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5758' GL	19. ELEV. CASINGHEAD 5770' KB	
20. TOTAL DEPTH, MD & TVD 5885'		21. PLUG BACK T.D., MD & TVD 5829'		22. IF MULTIPLE COMPL. HOW MANY* ----->	
23. INTERVALS DRILLED BY ----->		ROTARY TOOLS X		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 4053'-5722'				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log				27. WAS WELL CORED No	

23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	323'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5874'	7-7/8"	350 sx Premilite II and 450 sx 50/50 Poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5740'	TA @ 5638'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP4&5) 5678'-85', 5716'-22'	.46"	4/52		5678'-5722'	Frac w/ 30,113# 20/40 sand in 388 bbls fluid
(CP2) 5481'-5494'	.46"	4/52		5481'-5494'	Frac w/ 50,320# 20/40 sand in 436 bbls fluid
(A1) 4978'-4983'	.46"	4/20		4978'-4983'	Frac w/ 19,771# 20/40 sand in 295 bbls fluid
(B2) 4818'-23', 4830'-35'	.46"	4/40		4818'-4835'	Frac w/ 25,033# 20/40 sand in 331 bbls fluid
(D3&C) 4646'-57', 4700'-08'	.46"	4/76		4646'-4708'	Frac w/ 98,438# 20/40 sand in 701 bbls fluid
(PB7) 4186'-4190'	.46"	4/16		4186'-4190'	Frac w/ 19,753# 20/40 sand in 267 bbls fluid
(GB6) 4053'-4059'	.46"	4/24		4053'-4059'	Frac w/ 17,961# 20/40 sand in 262 bbls fluid

33.*		PRODUCTION				WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION 2/7/06		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15.5' RHAC SM Plunger Pump				PRODUCING	
DATE OF TEST 30 day ave	HOURS TESTED	CHOKE SIZE	PRODYN. FOR TEST PERIOD ----->	OIL--BBL.S. 62	GAS--MCF. 23	WATER--BBL. 0	GAS-OIL RATIO 371
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold & Used for Fuel

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Mandie Crozier TITLE Regulatory Specialist DATE 3/13/2006

RECEIVED MAR 14 2006

DIV. OF OIL, GAS & MINING

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Jonah Federal 15-15-9-16	Garden Gulch Mkr	3520'	
				Garden Gulch 1	3736'	
				Garden Gulch 2	3845'	
				Point 3 Mkr	4114'	
				X Mkr	4360'	
				Y-Mkr	4392'	
				Douglas Creek Mkr	4516'	
				BiCarbonate Mkr	4750'	
				B Limestone Mkr	4858'	
				Castle Peak	5317'	
				Basal Carbonate	5824'	
				Total Depth (LOGGERS)	5886'	

From: Bonnie <bonnie@ubstandard.com>
To: <jsweet@utah.gov>
Date: 03/21/2008 3:46 PM
Subject: Legals run dates

Jean,

Legals UIC 066.2, UIC 345, UIC 346 and UIC 344 will all run in our March 25th issue.

Thank you,

Bonnie Parrish
Uintah Basin Standard
435-722-5131



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 22, 2008

Newfield Production Company
1401 17th Street, Suite 1000
Denver, Colorado 80202

Re: Jonah Unit Well: Jonah Federal 15-15-9-16, Section 15, Township 9 South, Range 16 East, Duchesne County, Utah

Mr. Eric Sundberg,

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company. The approved injection interval is restricted between 4,053 feet and 5,824 feet.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.

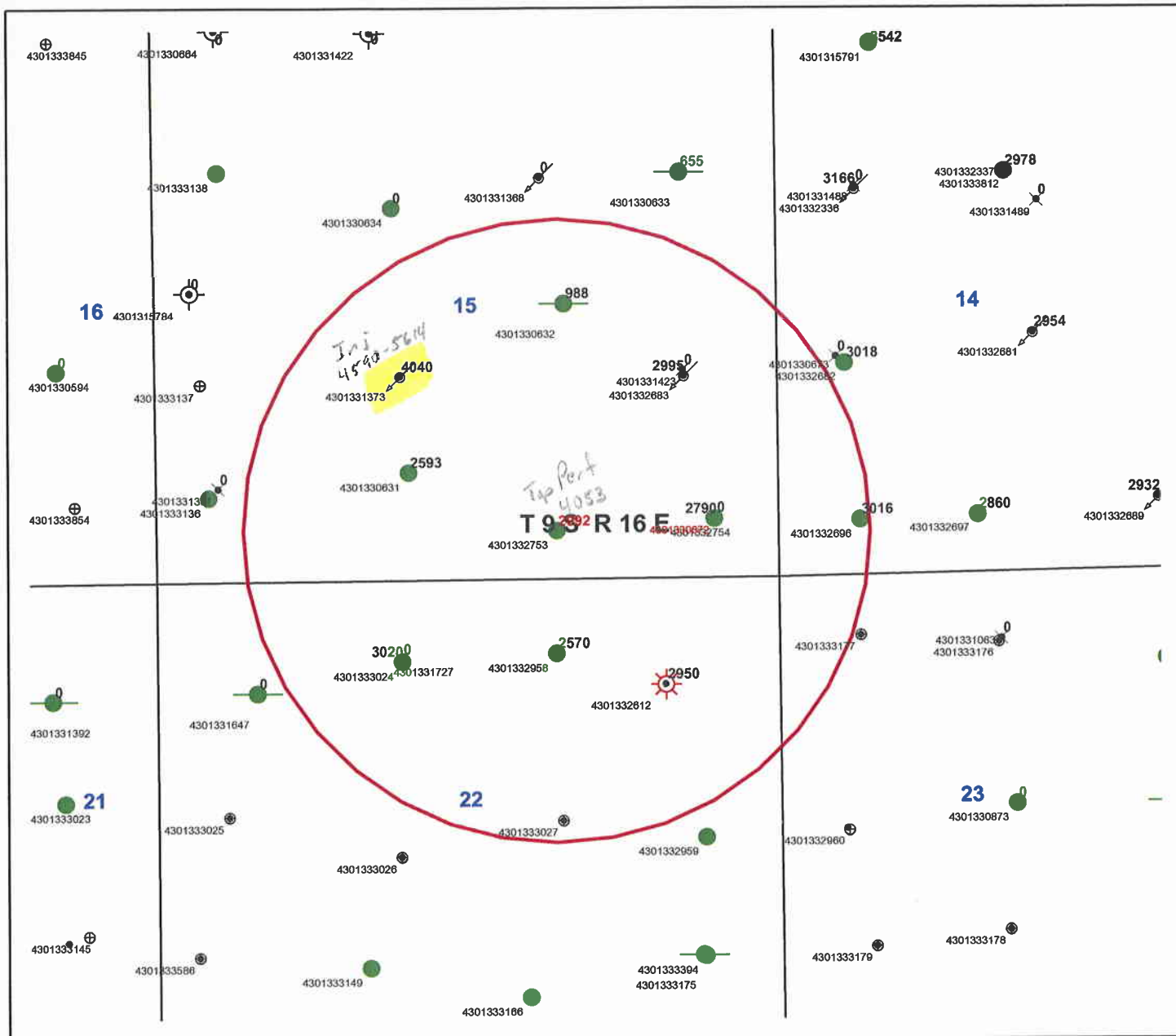
The Division will issue an Underground Injection Control Permit after the above stipulations have been met. If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt
Associate Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Newfield Production Company, Myton
Duchesne County
Well File





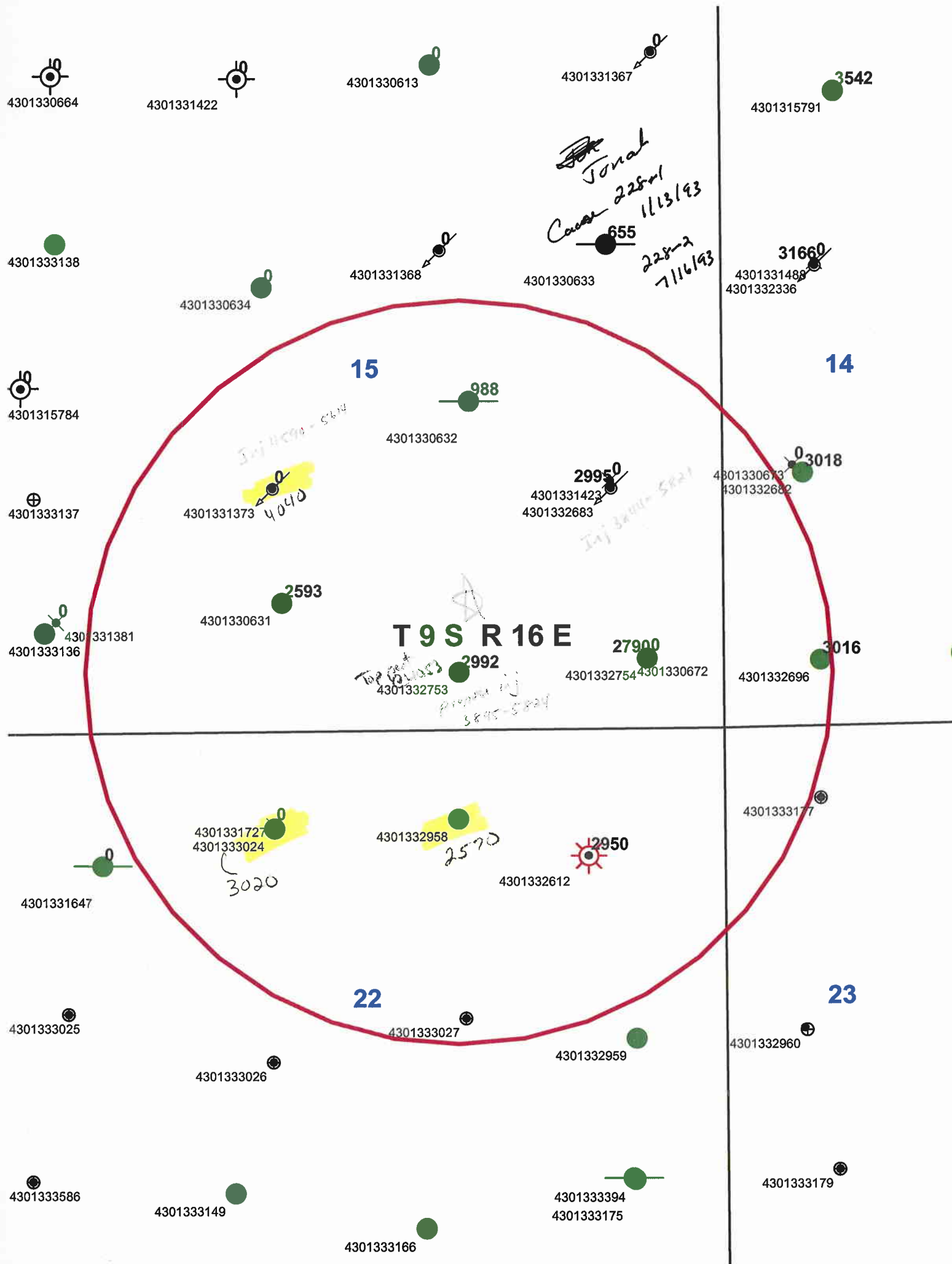
Jonah Federal 15-15-9-16

Legend

wells point	●	POW
WELLTYPE	☼	SGW
GIW	—●—	SOW
GSW	✂	TA
LA	○	TW
LOC	⊕	WDW
PA	⊗	WIW
PGW	●	WSW



0 0.4 Miles



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER UTU-017985
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: JONAH UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: JONAH UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 421 FSL 1864 FEL		8. WELL NAME and NUMBER: JONAH FEDERAL 15-15-9-16
OTR/OTR. SECTION TOWNSHIP, RANGE, MERIDIAN: SWSE, 15, T9S, R16E		9. API NUMBER: 4301332753
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/16/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER - Injection Conversion
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/22/08 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 10/23/08. On 10/23/08 the csg was pressured up to 1060 psig and charted for 30 minutes with 10 psi pressure loss. The well was not injecting during the test. The tbg pressure was 500 psig during the test. There was a State representative available to witness the test.

(Dennis Ingram)
API #43-013-32753

NAME (PLEASE PRINT) <u>Callie Duncan</u>	TITLE <u>Production Clerk</u>
SIGNATURE _____	DATE <u>10/28/2008</u>

(This space for State use only)

Daily Activity Report

Format For Sundry

JONAH 15-15-9-16**8/1/2008 To 12/30/2008****10/11/2008 Day: 1****Conversion**

Stone #5 on 10/10/2008 - MIRU Stone #5. RU HO trk to annulus & pump 60 BW @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Soft joint rod string & strip off flow-T. Fill tbg W/ 10 BW & pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string. Reflush W/ 30 BW on TOH. ND wellhead & release TA @ 5651'. NU BOP. SIFN.

10/14/2008 Day: 2**Conversion**

Stone #5 on 10/13/2008 - TOOH w/ tbg, breaking, doping & inspecting every collar (changed out 15 collars & 5 jts tbg). TIH w/ 5-1/2" Weatherford Arrow Set 1packer w/ wireline entry guide, SN, 123 jts tbg. Drop standin vlve. Test tbg to 3000 psi over night. SIFN.

10/15/2008 Day: 3**Conversion**

Stone #5 on 10/14/2008 - Open well w/ 1600 psi on tbg. TOOH w/ tbg testing every 10 stands. Found collar leak 50 stands out. Check standin valve. TIH w/ 31 stand tbg. SIFN.

10/16/2008 Day: 4**Conversion**

Stone #5 on 10/15/2008 - Open well w/ 2800 psi on tbg. TIH w/ 15 stds tbg. Test tbg 3000 psi. TIH w/ 15 stds. Test tbg to 3000 psi for 1/2 hour (OK). Retrieve standin valve. RD BOP's. Pump 63 bbls of Packer Fluid. Pressure to 1400 psi. Leave overnight. SIFN.

10/17/2008 Day: 5**Conversion**

Stone #5 on 10/16/2008 - Test casing to 1450 psi (good test) RDMOSU. SIFN. Well ready for MIT.

10/24/2008 Day: 6**Conversion**

Rigless on 10/23/2008 - On 10/22/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Jonah Federal 15-15-9-16). Permission was given at that time to perform the test on 10/23/08. On 10/23/08 the csg was pressured up to 1060 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 500 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) API #43-013-32753



October 28, 2008

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion/MIT
Jonah Federal 15-15-9-16
Sec.15, T9S, R16E
API #43-013-32753

Mr. Brad Hill:

The subject well was converted from a producing oil well to a water injection well. An MIT was preformed. Please find enclosed the sundry, a copy of the tabular, work detail and chart. If you have any questions, please contact me at 435-646-4848.

Sincerely,

A handwritten signature in cursive script that reads "Callie Ross".

Callie Ross
Production Clerk

RECEIVED

OCT 29 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: JONAH UNIT
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: JONAH FEDERAL 15-15-9-16
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 421 FSL 1864 FEL		9. API NUMBER: 4301332753
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 15, T9S, R16E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/16/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Injection Conversion
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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(Dennis Ingram)
API #43-013-32753

NAME (PLEASE PRINT) <u>Callie Duncan</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u><i>Callie Boss</i></u>	DATE <u>10/28/2008</u>

(This space for State use only)

RECEIVED
OCT 29 2008
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: [Signature] Date 10/23/08 Time 9:00 am pm

Test Conducted by: Alfredo Rios

Others Present: _____

Well: Jonah Federal 15-15-9-16

Field: Monument Butte

Well Location: SW SE SEC 15, T9S, R16E
Duchesne County, Utah.
UTU-017985

API No: 43-013-32753

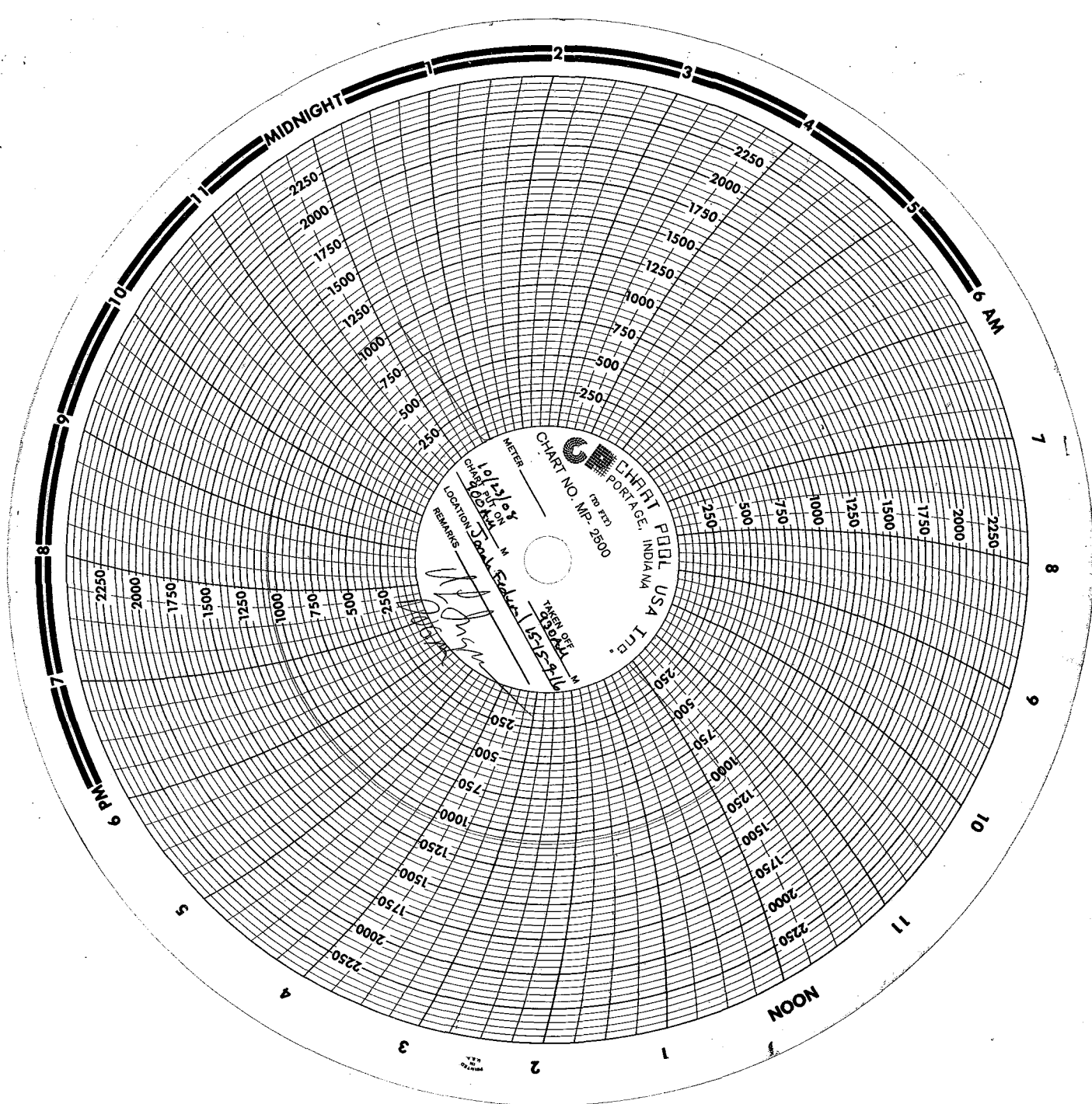
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1060</u>	psig
5	<u>1060</u>	psig
10	<u>1060</u>	psig
15	<u>1055</u>	psig
20	<u>1055</u>	psig
25	<u>1050</u>	psig
30 min	<u>1050</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 500 psig

Result: Pass Fail

Signature of Witness: [Signature]

Signature of Person Conducting Test: [Signature]



JONAH 15-15-9-16
8/1/2008 To 12/30/2008

10/11/2008 Day: 1**Conversion**

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

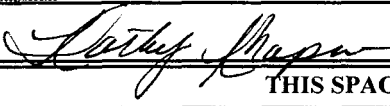
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-017985
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or JONAH UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 421 FSL 1864 FEL SWSE Section 15 T9S R16E		8. Well Name and No. JONAH FEDERAL 15-15-9-16
		9. API Well No. 4301332753
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change status, put well on injection.
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above reference well was put on injection at 2:00 PM on 4-22-09.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Kathy Chapman	Title Office Manager
Signature 	Date 04/23/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

APR 27 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-017985
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: JONAH UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 421 FSL 1864 FEL		8. WELL NAME and NUMBER: JONAH FEDERAL 15-15-9-16
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE, 15, T9S, R16E		9. API NUMBER: 4301332753
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>04/22/2009</u>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Change status, put well on injection.
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 2:00 PM on 4-22-09.

NAME (PLEASE PRINT) <u>Kathy Chapman</u>	TITLE <u>Office Manager</u>
SIGNATURE 	DATE <u>04/23/2009</u>

(This space for State use only)

RECEIVED
APR 27 2009
DIV. OF OIL, GAS & MINING

**NOTICE OF
AGENCY
ACTION
CAUSE NO.
UIC 344**

BEFORE THE DIVI-
SION OF OIL, GAS AND
MINING
DEPARTMENT OF
NATURAL RESOURC-
ES

STATE OF UTAH
THE STATE OF UTAH
TO ALL PERSONS IN-
TERESTED IN THE
ABOVE ENTITLED
MATTER.

Notice is hereby given
that the Division of Oil,
Gas and Mining (the "Di-
vision") is commencing

an informal adjudicative proceeding to consider the application of the Newfield Exploration Company for administrative approval of the Hawkeye 10-23-8-16 well, located in NW/4 SE/4 Section 23, Monument Butte Federal 14-24-8-16 well, located in SE/4 SW/4 Section 24, Monument Butte Federal 4-25-8-16 well, located in NW/4 NW/4 Section 25, Monument Butte Federal 2-25-8-16 well, located in NW/4 NE/4 Section 25, Monument Butte 16-2-9-16 well located in SE/4 SE/4 Section 2, South Wells Draw 14-2-9-16 well located SE/4 SW/4 in Section 2, Monument Butte 10-2-9-16 well located in NW/4 SE/4 Section 2, Monument Butte 6-2-9-16 well located SE/4 NW/4 in Section 2, Monument Butte 2-2-9-16 well located in NW/4 NE/4 Section 2, South Wells Draw 15-3-9-16 well located in SW/4 SE/4 Section 3, South Wells Draw 7-3-9-16 well located in SW/4 NE/4 Section 3, South Wells Draw 9-3-9-16 well located in NE/4 SE/4 Section 3, Wells Draw Federal 11-4G-9-16 well located in NW/4 NW/4 Section 4, Wells Draw 6-4G-9-16 well located in SE/4 NW/4 Section 4, Jonah Federal 15-15-9-16 well located in SW/4 SE/4 Section 15, West Point Federal 5-18-9-16 well located in SW/4 NW/4 Section 18, West Point Federal 7-18-9-16 well located in SW/4 NE/4 Section 18, West Point Federal 3-18-9-16 well located in NE/4 NW/4 Section 18, Township 9 South, Range 16 East, Salt Lake Meridian, Duchesne, Utah, for conversion to Class II injection wells. These wells are located in the Hawkeye, Monument Butte, South Wells Draw, Jonah and West Point Units respectively. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Newfield Exploration Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of March, 2008

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

Gil Hunt

Associate Director

Published in the Uintah
Basin Standard March 25,
2008.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-344

Operator: Newfield Production Company
Well: Jonah Federal 15-15-9-16
Location: Section 15, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32753
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 22, 2008.
2. Maximum Allowable Injection Pressure: 1,819 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,053' - 5,824')

Approved by:


Gil Hunt
Associate Director

11-24-08
Date

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File



DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS

Applicant: Newfield Production Company **Well:** Jonah Federal 15-15-9-16

Location: 15/9S/16E **API:** 43-013-32753

Ownership Issues: The proposed well is located on Federal land. The well is located in the Jonah Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Jonah Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,874 feet. A cement bond log demonstrates adequate bond in this well up to 2,992 feet. A 2 7/8 inch tubing with a packer will be set at 4,018 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 5 producing wells, 2 injection wells and 1 shut-in well in the area of review. All of the wells have evidence of adequate casing and cement, except the Monument Federal 23-15J (43-013-31373) well. This well shows the TOC @ 4,040 feet. The top perforation for the proposed well will be restricted to 4,053 feet (this is the current top production perforation for the proposed well). No other corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is approximately 660 feet. Injection shall be the interval between 4,053 feet and 5,824 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 15-15-9-16 well is .82 psi/ft which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,819 psig. The requested maximum pressure is 1,819 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Jonah Federal 15-15-9-16

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Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Jonah Unit January 19, 1993. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM.

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Clinton Dworshak

Date 04/22/2008

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-017985
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: JONAH FED 15-15-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0421 FSL 1864 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013327530000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/17/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>On 09/16/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 09/17/2013 the casing was pressured up to 1125 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1742 psig during the test. There was a State representative available to witness the test - Chris Jensen</p> </div> <div style="width: 25%; text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>September 19, 2013</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/19/2013	

Casing or Annulus Pressure Test

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Date 9/17/13Time 10:45am pmTest Conducted by: Riley Bailey

Others Present: _____

Well: Jonah 15-15-9-16Field: Monument ButteWell Location: Jonah 15-15-9-16API No: 4301332753

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1125</u>	psig
5	<u>1125</u>	psig
10	<u>1125</u>	psig
15	<u>1125</u>	psig
20	<u>1125</u>	psig
25	<u>1125</u>	psig
30 min	<u>1125</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

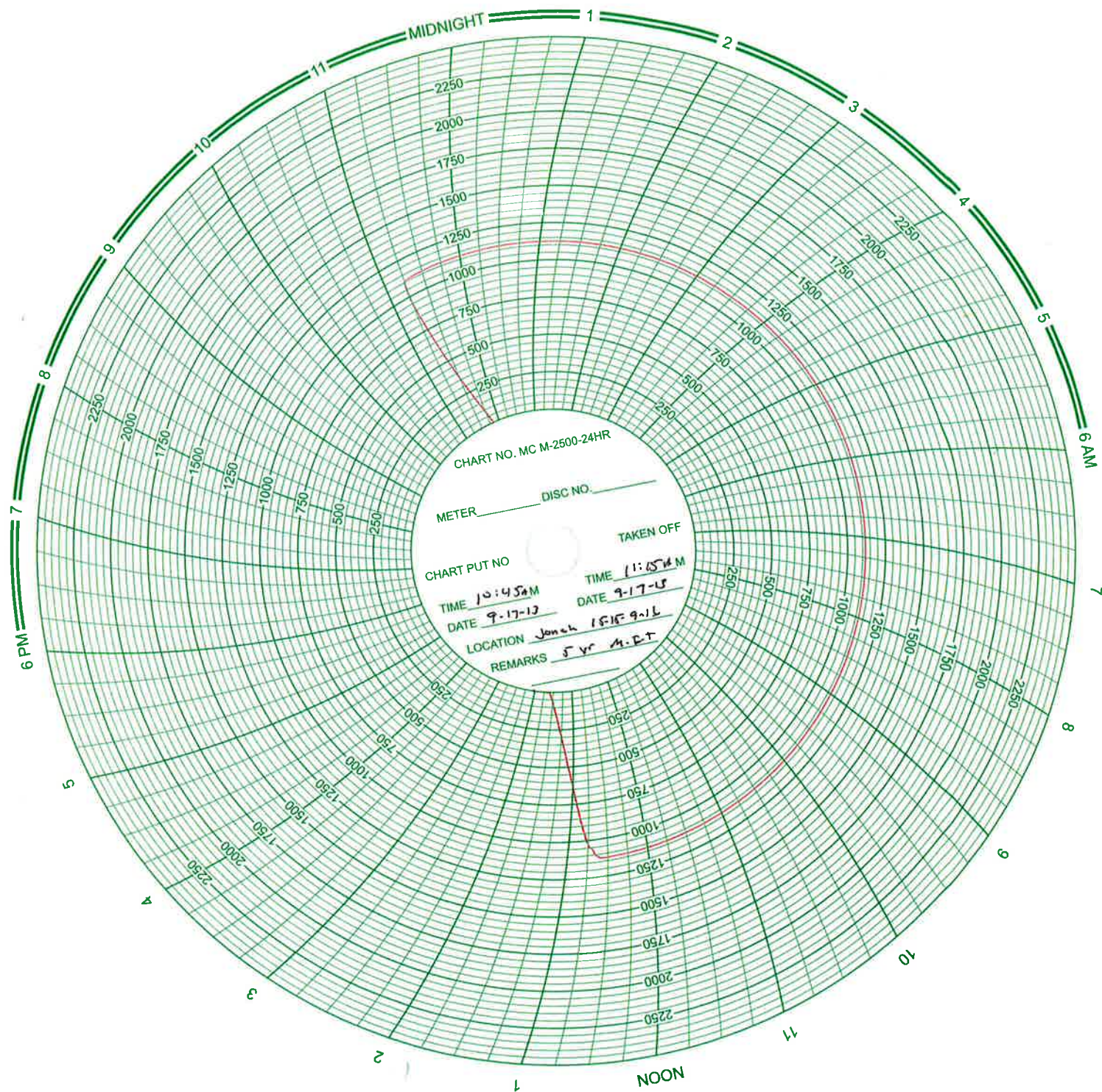
Tubing pressure: 1742 psig

Result:

Pass

Fail

Signature of Witness: Signature of Person Conducting Test: 



Jonah 15-15-9-16

Spud Date: 01/07/06
Put on Production: 02/07/06
GL: 5758' KB: 5770'

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.55')
DEPTH LANDED: 323.40' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

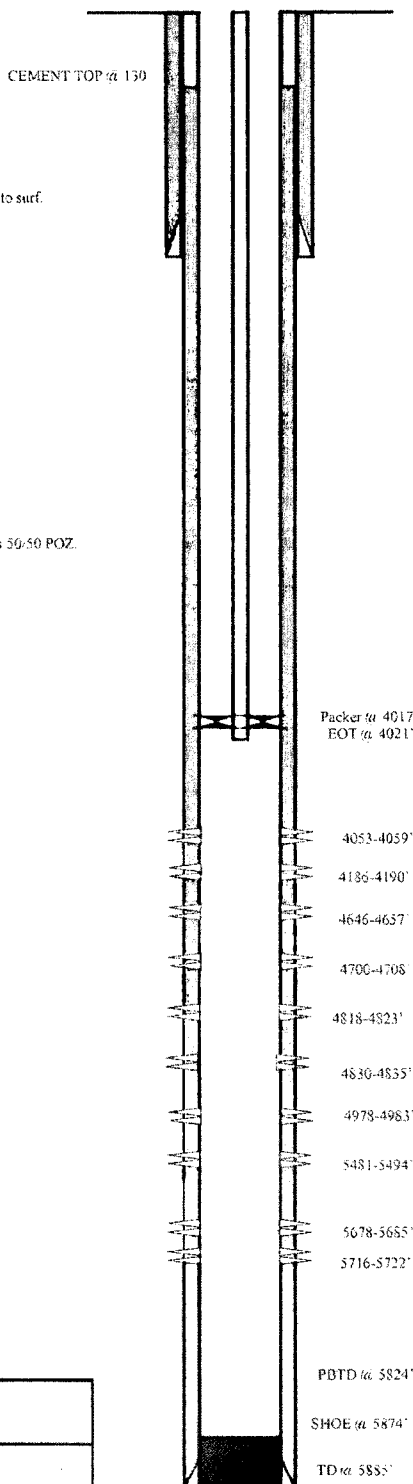
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5874.99')
DEPTH LANDED: 5874.24' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP @ 130

TUBING

SIZE GRADE WT.: 2-7/8" x J-55
NO. OF JOINTS: 123 jts. (4000.93')
SEATING NIPPLE: 2-7/8" (1.16')
SN LANDED AT: 4014.03'
TOTAL STRING LENGTH: EOT @ 4021.42'

Injection Wellbore Diagram




FRAC JOB

01/31/06	5678-5722'	Frac CP4, CP5 sands as follows: 30113# 20.40 sand in 388 bbls Lightning 17 frac fluid. Treated @ avg press of 1859 psi w avg rate of 25.2 BPM. ISIP 2050 psi. Calc flush: 5676 gal. Actual flush: 5141 gal.
01/31/06	5481-5494'	Frac CP2 sands as follows: 50320# 20.40 sand in 436 bbls Lightning 17 frac fluid. Treated @ avg press of 1616 psi w avg rate of 25.2 BPM. ISIP 1900 psi. Calc flush: 5479 gal. Actual flush: 4872 gal.
01/31/06	4978-4983'	Frac A3 sands as follows: 19771# 20.40 sand in 295 bbls Lightning 17 frac fluid. Treated @ avg press of 2420 psi w avg rate of 25.3 BPM. ISIP 2150 psi. Calc flush: 4976 gal. Actual flush: 4452 gal.
01/31/06	4818-4835'	Frac B2 sands as follows: 25033# 20.40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 1938 psi w avg rate of 25 BPM. ISIP 1850 psi. Calc flush: 4816 gal. Actual flush: 4284 gal.
01/31/06	4646-4657'	Frac D3, C, sands as follows: 98438# 20.40 sand in 701 bbls Lightning 17 frac fluid. Treated @ avg press of 2161 psi w avg rate of 25.1 BPM. ISIP 2300 psi. Calc flush: 4644 gal. Actual flush: 4074 gal.
02/01/06	4186-4190'	Frac PB7 sands as follows: 19753# 20.40 sand in 267 bbls Lightning 17 frac fluid. Treated @ avg press of 2643 psi w avg rate of 24.8 BPM. ISIP 2650 psi. Calc flush: 4184 gal. Actual flush: 3654 gal.
02/01/06	4053-4059'	Frac GB6 sands as follows: 17961# 20.40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 2240 psi w avg rate of 25 BPM. ISIP 1900 psi. Calc flush: 4051 gal. Actual flush: 3948 gal.
04/13/07	7:30:07	Pump Change Update Rod & Tubing Pump change. Updated rod & tubing detail
05-21-08		Workover. Updated rod and tubing detail
10/16/08		Well converted to an Injection well.
10/28/08		MIT completed and submitted.

PERFORATION RECORD

01/27/06	5716-5722'	4 JSPP	24 holes
01/27/06	5678-5685'	4 JSPP	28 holes
01/31/06	5481-5494'	4 JSPP	52 holes
01/31/06	4978-4983'	4 JSPP	20 holes
01/31/06	4830-4835'	4 JSPP	20 holes
01/31/06	4818-4828'	4 JSPP	20 holes
01/31/06	4700-4708'	4 JSPP	32 holes
01/31/06	4646-4657'	4 JSPP	44 holes
01/31/06	4186-4190'	4 JSPP	16 holes
02/01/06	4053-4059'	4 JSPP	24 holes

NEWFIELD 
Jonah 15-15-9-16 421' FSL & 1864' FEL SW/SE Section 15-T9S-R16E Duchesne Co, Utah API #43-013-32753; Lease #UTU-17985